ROYAL GARDENS, KEW, Eng.

HAND-LIST

OF

REES AND SHRUBS GROWN IN ARBORETUM.

PART I.

POLYPETALÆ.

LONDON:
SOLD AT THE ROYAL GARDENS, KEW:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE.
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

1894.

Price Eightpence.

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was an octavo volume of 458 pages. It has been
reckoned to contain 3,389 species, of which 488 were
hardy trees and shrubs.

U 80362. 1000.—11/94. Wt. 23671.

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PREFACE.

THE present is the first of a series of Hand-lists of the collections of living plants cultivated in the Royal Gardens which it is intended to issue from time to time.

It is hoped that they will be found useful in indicating to visitors interested in particular groups of plants, the species which Kew already possesses. In the hands of correspondents they will serve to show in what directions the collections may be added to. It is further hoped that they may be found of some value in establishing an approximate standard of nomenclature, which is often much confused in gardens and too frequently erroneous.

This is particularly the case with woody plants (shrubs and trees) grown in the open air. The preparation of the present list has accordingly been first taken in hand; it represents the work of many years, and has only been accomplished with considerable labour.

A rough census of the species and distinct varieties of plants cultivated at Kew gives the total number as, approximately, 20,000. Of these 3,000 are hardy shrubs or trees.

The first catalogue of the plants cultivated at Kew was that of Sir John Hill, published in 1768 (second edition 1769). This was entitled *Hortus Kewensis*, and was an octavo volume of 458 pages. It has been reckoned to contain 3,389 species, of which 488 were hardy trees and shrubs.

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In 1789 the elder Aiton publis
Hortus Kewensis, in which 5,53
merated.

The younger Aiton published 1
edition in five volumes, "and in
" epitome, as it is called, of the spe
" five volumes, for the use of pr
" contains . . 314 additiona
" number being 11,013."

This is the latest comprehensi
cultivation at Kew which has been

Occasionally lists of special c
issued since this date. Catalogue
issued in 1845, 1856, and 1868; of t
plants in 1853; of Succulent plants
in 1878; of *Bromeliaceæ* in 1879; o
and Agaves in 1880; of Economic
Palms in 1882; of Primulas in 1
flowered at Kew, in 1891. Since
available for distribution with othe

The Botanical Garden, which was opened to the public in 1841, with Sir William Hooker as Director, comprised only about 11 acres; it included, however, the old Arboretum. In 1844, by permission of the Queen, about 47 acres, including the ornamental piece of water in front of the Palm House, was added for the formation of a Pinetum. This was too near the smoke of suburban London, and it has lost its distinctive character. But many of the trees planted at this time are now of considerable magnitude.

The "Pleasure Grounds and Gardens at Kew" were in the occupation of the King of Hanover for sporting purposes at the time the Botanic Garden was given to the nation. The woods were filled with rough scrub for cover. In 1845 they were placed in the charge of Sir W. Hooker, with the "intention that they should be "formed into a national arboretum." A plan for the purpose was prepared in 1846 by W. A. Nesfield. The main features were carried out at the time, and the general principle has been worked upon ever since. In 1850 the Nursery was formed. In 1870 the new Pinetum was commenced.

The late Director, Sir Joseph Hooker (1865–1885), spared no pains to amass the most complete collection which could be formed of hardy woody plants. These were obtained from public and private correspondents and establishments at home and abroad, partly by purchase, partly by gift and exchange. They had necessarily for the most part to be planted under the names with which they were received, and these, from confusion or accident, were often erroneous.

A great difficulty arose in rectifying this, from the fact that woody plants can rarely be identified with

any accuracy till they flower or fruit.
accurate identification in an extens
necessarily, therefore, a very slow one.

A further difficulty arises in a publi
the fact that, though the specimens
labelled with their history and a corr
kept, these labels are apt from time to b
To remedy this a separate Herbariu
which a specimen was preserved of
variety planted out, with the name un
source from which it was received.
this Herbarium it was possible, in a
cases, to correct the nomenclature.

By this means it has also been possi
list of which the present is a first inst
still be regarded as in some sense pro
to correction. But it has been possi
immense number of "trade" and "ga
to bring the nomenclature to somethin

It only remains to note that in this
some plants will be found which are

Ranunculaceæ.

Clematis aethusifolia, *Turcz.* var. **latisecta,** *Maxim.*; Bot. Mag. t. 6542. Amurland and North China.

C. alpina, *Mill.* North Europe, &c.
Atragene alpina, *L.*; Bot. Mag. t. 530.
A. austriaca, *Scop.*
A. sibirica, *L.*; Bot. Mag. t. 1931.
A. Wenderothii, *Schlecht.*

C. apiifolia, *DC.* China and Japan.
C. virginiana, *Lour.* (not *L.*).

C. aromatica, *C. Koch.* (C. integrifolia × recta); *Lavallée,* Clématites à grandes fleurs, t. 9. Garden origin.
C. coerulea odorata, *Hort.*
C. davurica, *Hort.*
C. odorata, *Hort.*

C. brevicaudata, *DC.* Mongolia and Mandshuria.
C. Pierotii, *Hort.* (not *Miq.*).

C. calycina, *Ait.*; Bot. Mag. t. 959. Balearic Islands.
C. balearica, *Rich.* (not *Pers.*); Gard. Chron. ser. ii., 1878, vol. ix., p. 501.

C. campaniflora, *Brot.* Portugal.
C. campanulata, *Hort.*
C. crispa, *Hort.* (not *L.*).
C. parviflora, *DC.*
C. revoluta, *Desf.*
C. viornioides, *Hort.*

C. cirrhosa, *L.*; Bot. Mag. t. 1070. South Europe.
C. balearica, *Pers.* (not *Rich.*).
C. pedicellata, *Lindl.*
C. polymorpha, *Viv.*
C. semitriloba, *Lag.*

C. coccinea, *Engelm.*; Bot. Mag. t. 6594. Texas.
C. Pitcheri, *Carr.* Rev. Hort. 1878, p. 10 (not *Torr. & Gray*).
C. Viorna *var.* coccinea, *A. Gray.*

C. connata, *DC.*; Garden and Forest, 1891, vol. iv., p. 234, f. 42. Himalaya.
C. montana, *Hort.* (not *Wall.*).
C. venosa, *Royle.*

C. crispa, *L.*; Bot. Mag. t. 1892. Eastern United States.
C. cordata, Bot. Mag. t. 1816.
C. cylindrica, Bot. Mag. t. 1160.
C. Simsii, *Sweet.*
C. Viorna, *Andr.* Bot. Rep. t. 71 (not *L.*).

C. Flammula, *L.* Europe, &c.
C. angustifolia, *Jacq.*
C. caespitosa, *Scop.*
C. canaliculata, *Lag.*
C. fragrans, *Ten.*
C. maritima, *All.*
C. paniculata, *Hort.* (not *Thunb.*).

C. florida, *Thunb.*; Bot. Mag. t. 834. Japan.

C. Fremontii, *S. Wats.*; Garden and Forest, 1890, vol. iii., p. 381, f. 49. Missouri and Kansas to Colorado.

C. Hendersonii, *Chandl.* (Viticella × integrifolia). Garden origin.

C. heracleæfolia, *DC.* China.
C. Hookeri, *Dcne.*
C. tubulosa, *Turcz.*
C. tubulosa *var.* Hookeri, Bot. Mag. t. 6801.

Var. davidiana, *Franch.*
C. daveyana, *Hort.*
C. davidiana, *Verlot* in Rev. Hort. 1867, p. 9.
C. tubulosa, *Hook.*; Bot. Mag. t. 4269.

C. integrifolia, *L.* Europe.
C. latifolia, *Hort.*
C. ovata, *Hort.*

C. lanuginosa, *Lindl.* in Paxt. Fl. Gard., vol. iii., p. 107, t. 94. China.
C. florida *var.* lanuginosa, *Kuntze.*

C. ligusticifolia, *Nutt.* United States.

[redacted]

C. montana, *Wall.*; Bot. Reg., vol. xxvi., t. 53. Himalaya.
C. anemonæflora, *Don.*

C. orientalis, *L.* Orient.
C. graveolens, *Lindl.*; Bot. Mag. t. 4495.

C. paniculata, *Thunb.*; Garden and Forest, 1890, vol. iii., p. 621, f. 82. Japan.
C. Vitalba *var.* japonica, *Houttuyn.*

C. patens, *Morr. & Dcne.* China and Japan.
C. coerulea, *Lindl.* in Bot. Reg. t. 1955.
C. coerulea grandiflora, *Hort.*

C. Pitcheri, *Torr. & Gray.* Colorado, &c.
C. coloradensis, *Buckl.*

Var. **Sargenti,** *Nichols.*
C. Sargenti, *Lavallée,* Clématites à grandes fleurs, t. 18.

C. verticillaris, *DC.* United States.
Atragene americana, *Sims* in Bot. Mag. t. 887.

C. virginiana, *L.*; *Watson,* Dendr. Brit., vol. i., t. 74. United States.
C. cordata, *Pursh.*
C. cordifolia, *Moench.*
C. fragrans, *Salisb.*

C. Vitalba, *L.*; *Syme,* Engl. Bot. t. 1. Europe, &c.
C. bannatica, *Wierzb.*
C. taurica, *Bess.*

C. Viticella, *L.*; Bot. Mag. t. 565. Europe.

Var. flore pleno.

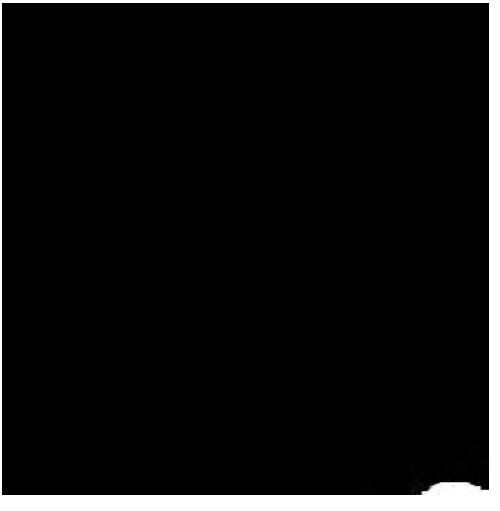
Many garden varieties.

Xanthorrhiza apiifolia, *L'Herit.* United States.

Paeonia Moutan, *Sims*; Bot. Mag. tt. 1154, 2175. China.

Calycanthaceæ.

Calycanthus floridus, *L.*; Bot. Mag. t. 503. South United States.
C. sterilis, *Walt.*



C. glaucus, *Willd.* South United States.
C. bullatus, *Hort.*
C. ferax, *Michx.*
C. fertilis, *Walt.*; Bot. Reg. t. 404.
C. floridus elongatus, *Hort.*
C. floridus, *var.* inodorus, *Torr. & Gray.*
C. floridus, *var.* laevigatus, *Torr. & Gray.*
C. floridus longifolius, *Hort.*
C. floridus ovatus, *Hort.*; Arbor. Segrez. Ic. xxiv.
C. inodorus, *Elliott.*
C. laevigatus, *Willd.*
C. nanus, Nouv. Duham., vol. i., p. 219, t. 48.
C. pennsylvanicus, *Hort.*

C occidentalis, *Hook. & Arn.*; Bot. Mag. t. 4808. California.
C. macrophyllus, *Hort.*

Chimonanthus fragrans, *Lindl.* China and Japan.
Calycanthus praecox, *L.*; Bot. Mag. t. 466.

Var. **grandiflorus,** *Lindl.* in Bot. Reg. t. 451.

Magnoliaceæ.

Euptelea polyandra, *Sieb. & Zucc.* Fl. Jap. t. 72. Japan.

Cercidiphyllum japonicum, *Sieb. & Zucc.* Japan.

Drimys aromatica, *F. Muell.* Tasmania and Victoria.
Tasmannia aromatica, *R. Br.*; Bot. Reg. 1845, t. 43.

D. Winteri, *Forst.*; Bot. Mag. t. 4800. South America.
D. chilensis, *DC.*
D. granatensis, *L. fil.*
D. mexicana, *DC.*
Wintera aromatica, *Murr.*
Winterana aromatica, *Soland.*

Illicium floridanum, *Ellis*; Bot. Mag. t. 439. South United States.

I. religiosum, *Sieb. & Zucc.*; Bot. Mag. t. 3965. China and Japan.

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Magnolia acuminata, *L.*; Bot. Mag. t. 2427. *Sargent*, Silva of North America, tt. 4, 5. United States.

Var. **cordata**, *Sargent*, Silva of North America, t. 6.
M. cordata, *Michx.*; Bot. Reg. t. 325. South United States.

M. Campbellii, *Hook. fil. & Thoms.*; Bot. Mag. t. 6793. Eastern Himalaya.

M. conspicua, *Salisb.*; Garden, Sept. 22, 1888. China and Japan.
M. precia, *Corr.*
M. Yulan, *Desf.*; Bot. Mag. t. 1621.
Yulania conspicua, *Spach.*

Var. **Lennei** (M. obovata × conspicua).
M. Lennei, Flore des Serres, t. 1693.

Var. **Norberti**, *Hort.*

Var. **soulangeana** (M. conspicua × obovata); Bot. Reg. t. 1164.

Other garden forms of **M. conspicua**, are—
M. Alexandrina.
M. cyathiformis.
M. speciosa.
M. spectabilis.
M. superba.
M. triumphans.
M. Yulan grandis.

M. Fraseri, *Walt.*; *Sargent*, Silva of North America, tt. 11, 12. South United States.
M. auricularis, *Salisb.*
M. auriculata, *Lam.*; Bot. Mag. t. 1206.
M. pyramidalis, *Bartr.*

M. glauca, *L.*; *Lodd.* Bot. Cab. t. 245; *Sargent*, Silva of North America, t. 3. United States.
M. fragrans, *Salisb.*
M. longifolia, *Sweet.*
M. virginiana, *L.* var. glauca.

Var. **thompsoniana**; Garden and Forest, 1888, vol. i., p. 269.
M. glauca *var. major*, Bot. Mag. t. 2164.

M. grandiflora, *L.* South United States.
M. foetida, *Sargent*, Silva of North America, tt. 1, 2.

Var. **angustifolia**, *Hort.*
M. Hartwegii, *Hort.*
M. Hartwicus, *Hort.*
M. salicifolia, *Hort.*

Var. **ferruginea**, *Hort.*

Var. **lanceolata**, *Ait.*; Bot. Mag. t. 1952.
M. exoniensis, *Lodd.* Bot. Cab. t. 824.
M. stricta, *Hort.*

M. hypoleuca, *Sieb. & Zucc.*; Garden and Forest, 1888, vol. i., p. 305. Japan.

M. Kobus, *DC.* Japan.
M Thurberi, *Hort.*

M. macrophylla, *Michx.*; Bot. Mag. t. 2189. *Sargent*, Silva of North America, tt. 7, 8. South United States.

M. obovata, *Thunb.*; China (cultivated only in Japan).
M. discolor, *Vent.*
M. denudata, *Lam.*
M. liliflora, *Lam.*
M. purpurea, *Curt.*; Bot. Mag. t. 390.
Buergeria obovata, *Sieb. & Zucc.*
Talauma obovata, *Hance.*
T. Sieboldi, *Miq.*
Yulania japonica, *Spach.*

M. stellata, *Maxim.*; Bot. Mag. t. 6370. Japan.
M. halleana, *Hort.*
Buergeria stellata, *Sieb. & Zucc.*
Talauma stellata, *Miq.*

M. tripetala, *L.*; *Loud.* Arb. Brit., vol. i., p. 269, t. 5; *Sargent*, Silva of North America, tt. 9, 10. United States.
M. frondosa, *Salisb.*
M. Umbrella, *Lam.*

M. Watsoni, *Hook. fil.*; Bot. Mag. t. 7157. Japan.
M. parviflora, *Hort.* (not *Sieb. & Zucc.*).

Liriodendron tulipifera, *L.*; Bot. Mag. t. 275; *Sargent*, Silva of North America, tt. 13, 14. United States.

Var. **aureo-maculata.**

Var. **integrifolia.**

Var. **fastigiata.**

Var. **variegata.**

Schizandra chinensis, *Baill.*; Arbor. Segrez. t. 26. China and Japan.
S. japonica, *Hance.*
Kadsura chinensis, *Turcz.* (not *Hance*).
Maximowiczia chinensis, *Rupr.*
Sphaerostema japonica, *Sieb. & Zucc.*

Kadsura chinensis, *Hance* (not *Turcz.*). China and Japan.
K. japonica, *Bnth.* (not *Don*).

Anonaceæ.

Asimina triloba, *Dunal*; Bot. Mag., t. 5854. South United States.
A. campaniflora, *Spach.*
Anona triloba, *L.*
Porcelia triloba, *Pers.*
Uvaria triloba, *Torr. & Gray.*

Menispermaceæ.

Cocculus carolinus, *DC.*; *Loud.* Arbor. vol. i., p. 298, f. 45. South United States.
Androphylax scandens, *Wendl.*
Baumgartia scandens, *Moench.*
Cocculidium populifolium, *Spach.*
Menispermum carolinum, *L.*
Wendlandia populifolia, *Willd.*
W. caroliniana, *Nutt.*

C. laurifolius, *DC.* Himalaya and Japan.

Menispermum canadense, *L.*; Bot. Mag. t. 1910. North America.
M. angulatum, *Moench.*
M. smilacinum, *DC.*
Cissampelos smilacina, *L.*

M. dauricum, *DC.* Siberia, China, and Japan.
M. dahuricum, *Maxim.* Diagn. pl. nov., vol. v. t. 2.

Berberideæ.

Lardizabala biternata, *Ruiz & Pav.*; Bot. Mag. t. 4501.

Stauntonia hexaphylla, *Dcne.*; *Sieb. & Zucc.* Fl. Jap. t. 76. China and Japan.

Holboellia latifolia, *Wall.* Himalaya.
Stauntonia latifolia, *Wall.*; Gard. Chron. ser. ii., 1883, vol. xix., p. 345.

Akebia quinata, *DC.*; Bot. Mag. t. 4864. China and Japan.

Berberidopsis corallina, *Hook. fil.*; Bot. Mag. t. 5343. Chili.

Berberis actinacantha, *Mart.*; Bot. Reg., vol. xxxi., t. 55. Chili.

B. aetnensis, *Presl.*; Flora Sardoa, t. 5. Sardinia, Corsica, &c.

B. angulosa, *Wall.*; Bot. Mag. t. 7071. Himalaya.

B. Aquifolium, *Pursh*; Bot. Reg. t. 1425. Western North America.
Mahonia Aquifolium, *Paxt.*

Var. **fascicularis**, *Nichols.*
B. fascicularis, *Sims* in Bot. Mag. t. 2396.
Mahonia fascicularis, *DC.*

Var. **rotundifolia**, *Hort.*

B. buxifolia, *Lam.*; Bot. Mag. t. 6505. Chili.
B. dulcis, *Sweet.*
B. rotundifolia, *Hort.*

Var. **nana**, *Hort.*

B. canadensis, *Pursh*; *Loud.* Arbor., vol. i., p. 303, f. 48. Canada, &c.

B. concinna, *Hook. fil.*; Bot. Mag. t. 4744. Himalaya.

B. congestiflora, *Gay.* Chili.

Var. **hakeoides**, *Hook. fil.*; Bot. Mag. t. 6770.

B. aristata, *DC.* Himalaya.
B. coerulescens, *Hort.*
B. macrophylla, *Hort.*

B. cretica, *L.*; *Sibthorp,* Flora Graeca t. 342. Mediterranean Region.

B. Darwinii, *Hook.*; Bot. Mag. t. 4590. Chili.

B. empetrifolia, *Lam.*; Bot. Reg., vol. xxvi., t. 27. Chili.
B. cuneata, *Hort.* (not *DC.*).
B. revoluta, *Smith.*

B. Fortunei, *Lindl.* in Journ. Hort. Soc. Lond., vol. i., p. 300. China.

B. Fremonti, *Torr.*; Garden and Forest, 1888, vol. i, p. 497. South-west United States.
B. trifoliata, *Torr.* (in part).

B. Guimpelii, *C. Koch.* Origin uncertain.

B. heterophylla, *Juss.*; *Hook.*, Exotic Flora, vol. i. t. 14. Chili.
B. tricuspidata, *Sm.*

B. heteropoda, *Schrenk.* Central Asia.

B. ilicifolia, *Forst.*; Bot. Mag. t. 4308. Straits of Magellan.

B. integerrima, *Bunge* in Reliq. Lehm. t. 1. Central Asia.
B. densiflora, *Boiss. & Buhse.*

B. Lycium, *Royle*; Bot. Mag. t. 7075. Himalaya.
B. angustifolia, *Roxb.*
B. aristata, *Hort.* (not *DC.*).
B. aurahuacensis, *Hort.* (not *Lem.*).
B. elegans, *Hort.*
B. glauca, *Hort.*
B. glaucescens, *Hort.*

B. nepalensis, *Spreng.* Kashmir, &c., China and Japan.
B. Bealei, *Fortune*; Bot. Mag. t. 4852.
B. Bealei, *var.* planifolia; Bot. Mag. t. 4846.
B. japonica, *R. Br.*
B. leschenaultiana, *Wall.*
Ilex japonica, *Thunb.*

Mahonia intermedia, *Hort.*
M. japonica, *DC.*
M. napaulensis, *DC.*
M. Sieboldi, *Hort. Segrez.*

B. nervosa, *Pursh*; Bot. Mag. t. 3949. North-west America.
B. glumacea, *Spreng.*
Mahonia glumacea, *DC.*
M. nervosa, *Nutt.*

B. Neuberti (B. Aquifolium × vulgaris); Gard. Chron. ser. iii., 1891, vol. ix., p. 72. Garden origin.
B. ilicifolia, *Hort.* (not *Forst.*).

B. repens, *Lindl.*; Bot. Reg. t. 1176. North America.
Mahonia repens, *Don.*

B. serotina, *Lange* in Botanisk Tidsskrift, ser. iii., vol. ii., t. 4. Origin unknown.

B. sibirica, *Pall.*; Bot. Reg. t. 487. Siberia, &c.

B. Sieboldii, *Miq.*; Garden and Forest, 1890, vol. iii., p. 249. China and Japan.

B. sinensis, *Desf.*; Bot. Mag. t. 6573. China and Japan.
B. chinensis, *Hort.*
B. monosperma, *Hort.* (not *Ruiz & Pav.*).

B. stenophylla, *Moore* (not *Hance*), empetrifolia × Darwinii. Gard. Chron. 1880, ser. ii., vol. xiv., p. 213, f. 41. Garden origin.

B. Thunbergi, *DC.*; Bot. Mag. t. 6646; Garden and Forest, 1889, vol. ii., p. 53. Japan.
B. Maximowiczii, *Regel.*

B. virescens, *Hook. fil.*, Bot. Mag. t. 7116. Himalaya.
B. aristata, *Hort.* (not *Wall.*).
B. aristata microcarpa, *Hort.*
B. belstaniana, *Hort.*
B. macrosepala, *Hort.*

B. vulgaris, *L.*

Var. **brachybotrys**, *Hook. fil.* Himalaya.

Var. **foliis purpureis.**

Var. foliis variegatis.

Var. fructu albo.

Var. fructu nigro.

The following are slight forms of **B. vulgaris**.

B. abortiva, *Renault.*
B. acida, *Gilib.*
B. actinacantha, *Hort.* (not *Mart.*).
B. amurensis, *Rupr.*
B. angulizans, *Hort.*
B. apyrena, *Hort.*
B. arborescens, *Hort.*
B. articulata, *Loisel.*
B. asperma, *Poit. & Turp.*; Garden, 1889, vol. xxxv., p. 264, pl. 692.
B. aurea, *Tausch.*
B. corallina, *Hort.*
B. crataegina, *DC.*
B. crenulata, *Schrad.*
B. declinata, *Hort.*
B. dentata, *Tausch.*
B. dulcis, *Schrad.* (not *Sweet*).
B. dumetorum, *Gouan.*
B. edulis, *Hort.*
B. elongata, *Hort.*
B. emarginata, *Willd.*
B. Fendleri, *Hort.* (not *Gray*).
B. globularis, *Hort.*
B. heterophylla, *Hort.* (not *Juss.*).
B. hypoleuca, *Hort.* (not *Lindl.*).
B. iberica, *Hort.* (not *Steven*).
B. ilicifolia, *Hort.* (not *Forst.*).
B. innominata, *Kielm.*
B. latifolia, *Hort. Panormit.*
B. laxiflora, *Hort.*
B. lucida, *Schrad.*
B. macracantha, *Hort.*
B. macrantha, *Schrad.*
B. macrocarpa, *Hort.*
B. marginata, *Hort.* (not *C. Gay*).
B. maxima, *Hort.*
B. microphylla, *Hort.*

B. moranensis, *Hort. Panormit.*
B. nitens, *Schrad.*
B. pangharengensis, *Hort.*
B. petiolaris, *Hort.*
B. provincialis, *Hort.*
B. sanguinolenta, *Hort.*
B. sulcata, *Hort.*

B. wallichiana, *DC.*; Bot. Mag. t. 4656. Himalaya and China.
B. Jamesoni, *Hort.* (not *Lindl.*).
B. Hookeri, *Hort.*

Var. **latifolia,** *Hook. fil. & Thoms.*
B. Knightii, *Hort. Paris.* (not *C. Koch*).
B. macrophylla, *Hort.*

Nandina domestica, *Thunb.*; Bot. Mag. t. 1109. China and Japan.

Papaveraceæ.

Romneya Coulteri, *Harvey.* California.

Cruciferæ.

Vella Pseudocytisus, *L.*; Bot. Reg. t. 293. Spain.

V. spinosa, *Boiss.* Spain.

Cistineæ.

Cistus albidus, *L.*; Sweet's Cistineæ, t. 31. South-west Europe.
C. pulverulentus, *Pourr.*

C. albido × crispus, *Lor. et Bar.* South-west Europe.

C. corbariensis, *Pourr.*; Sweet's Cistineæ, t. 8. (C. populifolius × salvifolius.) South Europe.

C. crispus, *L.*; Sweet's Cistineæ, t. 22. Mediterranean Region.

C. cyprius, *Lam.*; Sweet's Cistineæ, t. 39. Cyprus.

C. hirsutus, *Lam.*; Sweet's Cistineæ, t. 19. South-west Europe.
C. albiflorus, *Hort.*
C. laxus, *Ait.*

C. ladaniferus, *L.*; Bot. Mag. t. 112. South-west Europe.

C. ladanifero-monspeliensis, *Lor.* South-west Europe.
C. ladaniferus var. immaculatus, *Godr.*

C. longifolius, *Lam.*; Sweet's Cistineæ, t. 12. (? C. populifolius × monspeliensis). South-west Europe.

C. laurifolius, *L.*; Sweet's Cistineæ, t. 52. South-west Europe.

C. lusitanicus, *Hort.* (C. monspeliensis × ladaniferus.)

C. monspeliensis, *L.*; Sweet's Cistineæ, t. 27. Mediterranean Region.
C. affinis, *Guss.*
C. Clusii, *Hort.* (not *Dunal*).

C. parviflorus, *Lam.*; Sweet's Cistineæ, t. 14. Crete, &c.
C. complicatus, *Lam.*

C. purpureus, *Lam.*; Bot. Reg. t. 408; Sweet's Cistineæ, t. 17. Levant.

C. salvifolius, *L.*; Sweet's Cistineæ, tt. 54, 90. Mediterranean Region.

C. Thureti, *Hort.* Garden Origin.

C. villosus, *L.*; Sweet's Cistineæ, tt. 70, 55; Bot. Mag. t. 43. Mediterranean Region.
C. incanus, *L.*

Var. **corsicus.**
C. corsicus, *Soleir.*

Var. **creticus,** *Nym.*
C. creticus, *L.*; Sweet's Cistineæ, t. 112.
C. garganicus, *Ten.*

Var. **rotundifolius,** *Willk. & Lange.*
C. rotundifolius, *Sweet*; Sweet's Cistineæ, t. 75.

Var. **undulatus,** *Willk.*
C. undulatus, *Dun.*; Sweet's Cistineæ, 63.

Helianthemum alyssoides, *Vent.*; Vent. Choix. t. 20. Spain, Portugal.

Var. **cheiranthoides.**
H. lasianthum, *Pers.*

H. formosum, *Dunal*; Sweet's Cistineæ, t. 50; Maund. Bot. vol. iii. t. 131. Portugal.

H. italicum, *Pers.* Europe.

Var. **œlandicum**, *DC.*; Sweet's Cistineæ, t. 85.
Cistus œlandicus, *L.*

H. Libanotis, *Willd.* Spain, Portugal.
H. rosmarinifolium, *Hort.*
Halimium rosmarinifolium, *Spach.*

H. ocymoides, *Pers.*; Sweet's Cistineæ, tt. 40, 13. Spain, Portugal.
H. algarvense, *Dunal.*
Cistus ocymifolium, *Pourr.*

H. origanifolium, *Pers.* Europe.
H. marifolium, *Dunal.*

H. polifolium, *Pers.* Europe.
H. appeninum, *DC.*
Cistus apenninus, *L.*

H. vulgare, *Gaertn.*; *Syme*, Engl. Bot., vol. ii. t. 168. Europe.

Many garden forms.

Violarieæ.

Hymenanthera crassifolia, *Hook. fil.*; Gard. Chron., ser. ii., 1875, vol. iii., p. 237. f. 42. New Zealand.

Bixineæ.

Azara dentata, *Ruiz & Pav.*; Bot. Reg. t. 1788. Chili.

A. Gilliesii, *Hook. & Arn.*; Bot. Mag. t. 5178. Chili.
A. Lilen, *Bert.*
Quillaia petiolaris, *Don.*

A. integrifolia, *Ruiz & Pav.* Chili.
Almeja integrifolia, *Don.*

Var. **variegata.**

[redacted]

A. microphylla, *Hook. fil.*; Gard. Chron., ser. ii., 1874, vol. i., p. 81. f. 21. Chili.

Idesia polycarpa, *Maxim.*; Bot. Mag. t. 6794. China and Japan.
Flacourtia japonica, *Hort.*
Kara Sendan, *Oliver.*
Polycarpa Maximowiczii, *Hort.*

Pittosporeæ.

Pittosporum crassifolium, *Soland.*; Bot. Mag. t. 5978. New Zealand.
P. Ralphii, *T. Kirk.*

P. tenuifolium, *Banks & Soland.* New Zealand.

P. Tobira, *Ait.*; Bot. Mag. t. 1396. China and Japan.
P. chinense, *Don.*

P. undulatum, *Vent.* Bot. Reg. t. 16. Australia.

Bursaria spinosa, *Cav.*; Bot. Mag. t. 1767. Australia.
Itea spinosa, *Andr.*; Bot. Rep. vol. v., t. 314.

Polygaleæ.

Polygala Chamæbuxus, *L.*; Bot. Mag. t. 316. Alps.
Chamæbuxus alpestris, *Spach.*

Var. **purpurea.**

Frankeniaceæ.

Frankenia laevis, *L.*; *Syme*, Engl. Bot. vol. ii. t. 190. Europe.

Tamariscineæ.

Tamarix gallica, *L.* Shores of Atlantic, Mediterranean, &c.
T. africana, *Hort.* (not Laguna).
T. algeriensis, *Hort.*
T. anglica, *Webb.*; *Syme*, Engl. Bot. vol. ii., t. 261.
T. parviflora, *Hort.* (not *DC.*).

T. hispida, *Willd.*; Rev. Hort. 1894. p. 352, pl. Western Asia.
T. kashgarica, *Hort.*

Myricaria germanica, *Desv.* Europe, &c.
M. dahurica, *Hort.*
Tamarix germanica, *L.*

Hypericineæ.

Hypericum aegyptiacum, *L.*; Bot. Mag. t. 6481. South Mediterranean Region.

H. Androsæmum, *L.*; *Syme*, Engl. Bot. vol. ii. t. 264. Europe.
Hypericum caprifolium, *Hort.* (not *Boiss.*).
H. glandulosum, *Hort.* (not *Ait.*).
H. webbianum, *Hort.* (not *Spach*).
Androsæmum officinale, *L.*

Var. **aureum,** *Hort.*
H. hircinum aureum, *Hort.*

H. Ascyron, *L.*; Gartenflora, t. 1381. Northern Asia, North America.

H. aureum, *Bartr.*; Garden and Forest, 1889, vol. ii. p. 184, f. 103. South United States.
H. amœnum, *Pursh.*
H. frondosum, *Michx.*
H. rugelianum, *Kunze.*

H. balearicum, *L.*; Bot. Mag. t. 137. Mediterranean Region.

H. calycinum, *L.*; Bot. Mag. t. 146. Orient.

H. chinense, *L.*; Gard. Chron., ser. iii., 1887, vol. i., p. 705, f. 135. China and Japan.
H. aureum, *Lour.* (not *Bartr.*).
H. monogynum, *L.*; Bot. Mag. t. 334.
H. salicifolium, *Sieb. & Zucc.*
Norysca aurea, *Bl.*
N. chinensis, *Spach.*

H. Coris, *L.*; *Bot. Mag. t. 6563.* Central and Southern Europe.

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H. densiflorum, *Pursh*; Garden and Forest, 1890, vol. iii. p. 537. North America.
H. fasciculatum, *Hort.* (not *Lam.*).
H. galioides, *Pursh* (not *Lam.*).
H. prolificum *var.* densiflorum, *Gray.*

H. elatum, *Ait.*; *Syme*, Engl. Bot., vol. iii., t. 215. North America.
H. hircinum, *Hort.* (not *L.*).

H. hircinum, *L.*; *Syme*, Engl. Bot., vol. iii., t. 266. Europe, &c.
H. anglicum, *Hort.* (not *Bertol.*).
H. chinense, *Hort.* (not *L.*).

Var. **minor,** *Hort.*
H. minus, *Hort.*

H. hookerianum, *Wight & Arn.* Himalaya.
H. oblongifolium, *Choisy.*

H. inodorum, *Jacq.* Orient.

H. kalmianum, *L.*; *Maund* in Bot. Gard., vol. v., t. 194.

H. moserianum, Rev. Hort. 1889, p. 464. (calycinum × patulum).

H. patulum, *Thunb.*; Bot. Mag. t. 5693. India, China, &c.
H. Gumbletoni, *Hort. Segrez.*

H. prolificum, *L.*; *Loud.* Arb., vol. i., 401, vol. v., 2541, fig. 2415. North America.
H. kalmianum, *Hort.* (not *L.*).
H. foliosum, *Jacq.*
Myriandra prolifica, *Spach.*

H. uralum, *Don*; Bot. Mag. t. 2375. Himalaya.
H. nepalense, *Hort.*

Ternstroemiaceæ.

Cleyera ochnacea, *DC.* Himalaya, China, and Japan.
C. japonica, *Sieb. & Zucc.* Fl. Jap., p. 153, t. 81 (not *Thunb.*).

Var. *variegata.*

99.

gent.

22 :
North

C. species. Japan ?
Eurya latifolia variegata, *Hort.*

Eurya japonica, *Thunb.* Fl. Jap., p. 191, t. 25. India, China, and Japan.

Actinidia callosa, *Lindl.*; Amur, China, and Japan.

A Kolomikta, *Rupr.*; Rev. Hort. 1872, p. 395. Amur, China, and Japan.
Kolomikta mandschurica, *Regel.*
Prunus Kolomikta, *Maxim.*
Trochostigma Kolomikta, *Maxim.*

A. polygama, *Sieb. & Zucc.*; Tokio Hort. Bot., vol. ii. t. 20. Japan.
Trochostigma polygama, *Sieb. & Zucc.*

A. volubilis, *Franch. & Sav.*; *Lavallée,* Arbor. Segrez. Ic. xxv. Japan.
Trochostigma volubile, *Sieb. & Zucc.*

Stachyurus praecox, *Sieb. & Zucc.*; Bot. Mag. t. 3918. China and Japan.

Stuartia pentagyna, *L'Herit.*; Bot. Mag. t. 3918. South United States.
Stuartia montana, *Bartr.*
Malachodendron ovatum, *Cav.*
M. pentagynum, *Chois.*
Stewartia Malachodendron, *Miller.*

S. virginica, *Cav.* South United States.
S. Malachodendron, *L.*
S. marylandica, *Donn*; *Andr.* Bot. Rep. 6. t. 397.

S. Pseudo-camellia, *Maxim.*; Bot. Mag. t. 7045. Japan.
S. grandiflora, *Briot* in Rev. Hort. 1879, p. 430 (fig.).
S. japonica, *Hort.*

Gordonia Lasianthus, *L.*; Bot. Mag. t. 668. South United States.
G. pyramidalis, *Salisb.*

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G. pubescens, *L'Herit.*; *Loud.* Arb., vol. i., p. 380, f. 94. South United States.
Franklinia Altamaha, *Marsh.*
Gordonia Altamaha, *Sargent*, Sylva of North America, t. 22.
G. Franklini, *L'Herit.*
Lacathea florida, *Salisb.*
Michauxia sessilis, *Salisb.*

Camellia japonica, *Sieb. & Zucc.* Japan.
Many garden varieties.

Malvaceæ.

Lavatera arborea, *L.*; *Syme*, Engl. Bot., vol. iii. t. 279. Europe, &c.

Plagianthus Lyalli, *Hook. fil.*; Bot. Mag. t. 5935. New Zealand.

P. betulinus, *A. Cunn.* New Zealand.

Abutilon vitifolium, *DC.*; Bot. Reg. vol. xxx. t. 57. Chili.

A. megapotamicum, *St. Hil.*; Flore des Serres, t. 1599. Brazil, &c.
A vexillarium, *Morr.*; Bot. Mag. t. 5717.

Hibiscus syriacus, *L.*; Bot. Mag. t. 83. Orient.
Many garden varieties.

Sterculiaceæ.

Fremontia californica, *Torr.*; Bot. Mag. t. 5591; *Sargent*, Silva of North America, t. 23. California.

Tiliaceæ.

Tilia americana, *L.*; *Loud.* Arbor. vol. i., p. 373, t. 22; *Sargent*, Silva of North America, tt. 24, 25. North America.
T. canadensis, *Michx.*
T. caroliniana, *Mill.*
T. glabra, *Vent.*

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T. hybrida superba, *Hort.*
T. latifolia, *Salisb.*
T. longifolia dentata, *Hort.*
T. mississipiensis, *Hort.*
T. neglecta, *Spach.*
T. nigra, *Borkh.*
T. pubescens, *Nouv. Duhamel* (not *Ait.*).

T. argentea, *Desf.*; Reich. Fl. Germ. 6, p. 324. East Europe.
T. alba, *Hort.* in part (not *Ait.*).
T. americana pubescens, *Hort.*
T. europaea alba, *Hort.*
T. heterophylla, *Hort.* in part (not *Vent.*).
T. pubescens Parmentieri, *Hort.*
T. rotundifolia, *Vent.*
T. tomentosa, *Moench.*

Var. **spectabilis**, *Hort.*

T. cordata, *Mill.* Europe, North Asia.
T. microphylla, *Vent.*
T. parvifolia, *Ehrh.*; *Syme*, Engl. Bot., vol. iii., t. 287.
T. sylvestris, *Desf.*
T. ulmifolia, *Scop.*; Garden and Forest, 1889, vol. ii., p. 257, f. 111.

T. dasystyla, *Stev.* Caucasus.
T. euchlora, *K. Koch.*
T. europaea dasystyla, *Hort.*

T. heterophylla, *Vent.*; *Sargent*, Silva of North America, t. 27. South-eastern United States.
T. alba, *Michx.*
T. americana, *var.* heterophylla; *Loud.* Arb., vol. i., p. 375, t. 23.
T. laxiflora, *Pursh* (not *Michx.*).
T. macrophylla, *Hort.*

T. mandschurica, *Rupr.* Mandshuria.

T. miqueliana, *Maxim.* Japan.

T. petiolaris, *DC.*; Bot. Mag. t. 6737. East Europe.
T. alba, *Hort.* in part (not *Ait.*).
T. alba pendula, *Hort.*
T. americana *var.* pendula, *Koch.*

T. argentea pendula, *Hort.*
T. heterophylla, *Hort.* in part (not *Vent.*).
T. latifolia alba, *Hort.*
T. pannonica, *Jacq. fil.*
T. platyphylla pendula, *Hort.*

T. platyphyllos, *Scop.*; Garden and Forest, 1889, vol. ii., p. 256, f. 109. Europe.
T. americana, *Hort.* (not *L.*).
T. cordifolia, *Bess.*
T. europaea, *L.* (in part).
T. grandifolia, *Ehrh.*
T. mollis, *Spach.*
T. mutabilis, *Host.*
T. neglecta, *Hort.* (not *Spach*).
T. pauciflora, *Hayne.*

Var. **aspleniifolia.**
T. laciniata, *Hort.*
T. grandifolia laciniata, *Hort.*

Var. **aurantia.**
T. europæa aurantia, *Hort.*
T. europæa aurea, *Hort.*

Var. **blechiana**, *Hort.*

Var. **corallina**, *Ait.*
T. corallina, *Sm.*
T. spectabilis, *Host.*

Var. **obliqua.**
T. Beaumontii, *Hort.*
T. Hostii, *Ortm.*
T. obliqua, *Host.*

Var. **oxycarpa.**
T. cordifolia *var.* oxycarpa, *Reich.*
T. europæa glauca, *Hort.*

Var. **sphærocarpa.**
T. cordifolia *var.* sphærocarpa, *Reich.*

Var. **vitifolia.**
T. vitifolia, *Host.*
T. grandifolia, *var.* vitifolia, *Kunze.*

T. pubescens, *Ait.*; *Sargent*, Silva of North America, t. 26. East United States.
T. americana, *Walt.* (not *L.*).
T. americana, *var.* pubescens, *Loud.*
T. americana, *var.* Walteri, *Wood.*
T. grata, *Salisb.*
T. heterophylla spectabilis, *Hort.*
T. laxiflora, *Michx.*
T. leptophylla, *Hort.*
T. truncata, *Spach.*

T. sublanata, *Simk.*, *var.* variegata. (T. platyphyllos × superulmifolia.) East Europe.
T. europæa variegata, *Hort.*

T. vulgaris, *Hayne*; Garden and Forest, 1889, vol. ii., p. 256, f. 110. Europe.
T. corylifolia, *Host.*
T. europæa, *L.* (in part).
T. glauca, *Hort.*
T. hollandica, *Mill.*
T. intermedia, *Ehrh.*
T. hybrida, *Bechst.*
T. praecox, *Hort.*

Var. **caucasica.**
T. intermedia, *var.* caucasica.
T. parvifolio-grandifolia, *Bayer.*

Aristotelia Macqui, *L'Herit.*; Gard. Chron., ser. ii., 1875, vol. iv., p. 773. Chili.

Var. **variegata.**

Lineæ.

Linum arboreum, *L.*; Bot. Mag. t. 234. Greece, &c.

Rutaceæ.

Ruta graveolens, *L.*; *Bentl. & Trim.* Med. Pl. t. 44. South Europe, &c.

Choisya ternata, *H.B.K.*; Gard. Chron., ser. iii., 1890, vol. vii., p. 465. Mexico.

Xanthoxylum planispinum, *Sieb. & Zucc.* Japan.

X. americanum, *Mill.* United States.
X. fraxineum, *Willd.*; *Loud.* Arbor. vol. i., p. 488, f. 158.
X. fraxinifolium, *Marsh.* (not *Walt.*).
X. ramiflorum, *Michx.*

X. schinifolium, *Sieb. & Zucc.* Japan.

Phellodendron amurense, *Rupr.* Amurland, &c.
Xanthoxylum piperitum, *Hort.* (not *Sieb. & Zucc.*).

Ptelea trifoliata, *L.*; Gard. Chron., ser. ii., 1830, vol. xiii. p. 369, f. 67; *Sargent,* Silva of North America, tt. 33, 34. United States.

Var. **aurea.**

Var. **mollis.**
P. mollis, *Curt.*

Skimmia Fortunei, *Mast.* China.
S. japonica, *Hort.*; Bot. Mag. t. 4719 (not *Thunb.*).
S. rubella, *Carr.*

S. japonica, *Thunb.*; Gard. Chron., ser. iii., 1889, vol. v., p. 521, f. 89, p. 524, f. 90. Japan.
S. oblata, *Moore.*
Seedling varieties or sexual forms of this are:—
S. fragrans, *Carr.*
S. fragrantissima, *Hort.*
S. Foremani, *Hort.*; Gard. Chron., ser. iii., 1889, vol. v. p. 553, f. 94.
S. intermedia, *Carr.*
S. oblata *var.* ovata, *Carr.*
S. oblata *var.* Veitchii, *Carr.*
S. Rogersii, *Hort.*

S. Laureola, *Hook. fil.* Himalaya.
Laureola fragrans, *Roem.*
Limonia Laureola, *Wall.*

Ægle sepiaria, *DC.* China and Japan.
Citrus trifolia, *Thunb.*
C. trifoliata, *L.*; Bot. Mag. t. 6513.
C. triptera, *Desf.*
Limonia trifoliata, *Hort.*
Pseudaegle sepiaria, *Miq.*
Triphasia trifoliata, Hort.

Simarubeæ.

Ailantus glandulosa, *Desf.*; Gard. Chron., ser. iii., 1887, vol. ii., p. 365, f. 76. China.
A. japonica, *Hort.*
A. macrophylla, *Hort.*
A. mascula pendula, *Hort.*
A. purpurascens, *Hort.*
A. rubra, *Hort.*

Cneorum tricoccum, *L.* Mediterranean Region.

Meliaceæ.

Cedrela sinensis, *A. Juss.*; Rev. Hort. 1891, p. 573, figs. 150–2. China and Japan.
Ailanthus flavescens, *Carr.*
Cedrela chinensis, *Karel.*
Toona sinensis, *Roem.*

Ilicineæ.

Ilex ambigua, *Chapm.*; *Loud.* Arb., vol. ii., p. 521, f. 190. South United States.
Cassine caroliniana, *Walt.*
Nemopanthus ambiguus, *Wood.*
Prinos ambiguus, *Michx.*

I. **Amelanchier**, *Curtis*; Garden and Forest, 1889, vol. ii., p. 41, f. 88. South United States.
Prinos lanceolata, *Pursh.*

I. **Aquifolium**, *L.*; *Syme*, Engl. Bot., vol. iii., p. 316. Europe, Western Asia.
Aquifolium spinosum, *Gaertn.*

Var. **altaclarensis.**

Var. **angustifolia**; Gard. Chron., ser. ii., 1874, vol. ii., p. 751, f. 154.
myrtifolia stricta.
serratifolia.

Var. **argentea marginata.**
albo-marginata.
argentea lato-marginata.
variegata argentea.

Var. **argentea medio-picta**; Gard. Chron., ser. ii., 1875, vol. iv., p. 688, f. 142.
albo-picta.
Silver Milkmaid.

Var. **argentea pendula.**
albo-marginata pendula.
pendula argentea purpurea.
pendula variegata.
Perry's Weeping.

Var. **argentea regina**; Gard. Chron., ser. ii., 1875, vol. iv., p. 687, f. 141.
Silver Queen.

Var. **atrovirens.**
maderensis atrovirens.

Var. **aurea angustifolia**; Gard. Chron., ser. ii., 1876, vol. v., p. 44, f. 6.
angustifolia aurea marginata.

Var. **aurea marginata.**
marginata aurea.

Var. **aurea marginata bromeliaefolia**; Gard. Chron., ser. ii., 1876, vol. v., p. 437, f. 84.
bromeliaefolia aureo-marginata.

Var. **aurea medio-picta**; Gard. Chron., ser. ii., 1876, vol. v., p. 366, f. 68, 69.
aureo-picta.
Gold Milkmaid.

Var. **aurea pendula.**
pendula aurea variegata.
Waterer's Gold Weeping.

Var. **aurea regina**; Gard. Chron., ser. ii., 1876, vol. v., p. 44, f. 8.
Golden Queen.
latifolia marginata.

Var. **balearica.**

Var. **calamistrata.**

Var. **camelliaefolia**; Gard. Chron., ser. ii., 1874, vol. ii., p. 812, f. 164, b.

serrata.

Var. [illegible]: Gard. [illegible] 1871 [illegible]
p. 65. [illegible] 1885 [illegible].

Var. ellipticum.
lamina angustior.

Var. ferox.
[illegible].

Var. ferox argentea: Gard. Chron. [illegible] 1871 [illegible]
p. [illegible]
ferox argentea variegata.

Var. ferox aurea: Gard. Chron. [illegible]
p. [illegible]
ferox aurea picta.
ferox [illegible].

Var. flavescens.
Moonlight.

Var. Fortii: Gard. Chron. [illegible] 1871 [illegible]

Var. fructu-luteo.
flavum.

Var. [illegible]: Gard. [illegible]
p. [illegible] 1885 [illegible]

Var. **Hodginsii.**
Shepherdii.

Var. **integrifolia**; Gard. Chron., ser. ii., 1874, vol. ii., p. 812, f. 164, e.
rotundifolia.
senescens.

Var. **latifolia aureo-marginata.**

Var. **latispina**; Gard. Chron., ser. ii., 1874, vol. ii., p. 812, f. 164, f.

Var. **laurifolia.**

Var. **laurifolia longifolia.**

Var. **lawsoniana**; Gard. Chron., ser .ii., 1876, vol. v., p. 624, f. 110.
lawsoniana variegata.

Var. **lutescens.**

Var. **maderensis variegata.**

Var. **marginata**, *Loud.*; Gard. Chron., ser. ii., 1874, vol. ii., p. 812, f. 164, g.
contorta.

Var. **myrtifolia**; Gard. Chron., ser. ii., 1874, vol. ii., p. 687, f. 138, 4.

Var. **nigrescens.**

Var. **nobilis**; Gard. Chron., ser. ii., 1874, vol. ii., p. 432, f. 89.
Urquharti.

Var. **ovata**; Gard. Chron., ser. ii., 1874, vol. ii., p. 752, f. 149.

Var. **pendula.**

Var. **pendula tricolor.**

Var. **platyphlla.**

Var. **recurva**; Gard. Chron., ser. ii., 1874, vol. ii., p. 687, f. 138, 6.
serratifolia compacta.
tortuosa.

Var. **scotica**; Gard. Chron., ser. ii., 1874, vol. ii., p. 812, f. 164, a.
I. Dahoon, *Hort.* (not *Walt.*).

Var. **smithiana**; Gard. Chron., ser. ii., 1874, vol. ii., p. 520, f. 106.

Var. **watereriana**; Gard. Chron., ser. ii., 1874, vol. ii., p. 232, f. 49.
aurea pumila.
compacta aurea.
nana aurea.
nana aurea variegata.

Var. **whittingtonensis**; Gard. Chron., ser. ii., 1874, vol. ii., p. 687, f. 138, 1.

I. **Cassine**, *Walt.* South United States.
Ilex florida, *Lam.*
I. ligustrina, *Jacq.*
I. religiosa, *Bartr.*
Cassine caroliniana, *Lam.*
C. Peragua, *L.*

I. **cornuta**, *Lindl. & Paxt.*; Bot. Mag. t. 5059. China.
I. furcata, *Hort.*

I. **crenata**, *Thunb.* Japan.

Var. **major.**
Ilex Fortunei, *Hort.* (not *Lindl.*).

Var. **variegata.**

I. **Dahoon**, *Walt.*; *Loud.* Arbor., vol. ii., p. 517, f. 184. South United States.
I. cassinoides, *Link.*
I. laurifolia, *Nutt.*

I. **decidua**, *Walt.*; Gard. Chron., ser. ii., 1880, vol. xiv., p. 689, f. 129. *Sargent*, Silva of North America, t. 49. South United States.
I. aestivalis, *Lam.*
I. prinoides, *Ait.*; *Wats.* Dendr. Brit., vol. ii. t. 115.
Prinos deciduus, *DC.*

I. **dipyrena**, *Wall.*; *Brandis*, Forest Flora, p. 15; Himalaya.

I. **glabra**, *Gray.* Eastern United States.
Prinos glaber, *L.*; *Lodd.* Bot. Cab., 450.

I. integra, *Thunb.* China and Japan.
I. Aquifolium Bessoni, *Hort.*
I. integrifolia, *Hort.*
Othera japonica, *Hort.*

I. laevigata, *Gray* ; Garden and Forest, 1891, vol. iv., p. 221. Eastern United States.
Prinos laevigatus, *Pursh* ; *Wats.* Dendr. Brit., vol. i. t. 28.

I. latifolia, *Thunb.* ; Bot. Mag. t. 5597. Japan.
I. Tarajo, *Hort.*

I. opaca, *Ait.* ; *Sargent*, Silva of North America, t. 45 ; *Wats.* Dendr. Brit. vol. i. t. 3. Eastern United States.
I. canadensis, *Marsh.* (not *Hort.*).
I. laxiflora, *Lam.*
I. quercifolia, *Meerb.*

I. Perado, *Ait.* ; *Lodd.* Bot. Cab. t. 549.

I. rotunda, *Thunb.* China and Japan.

I. verticillata, *Gray.* North America.
Prinos canadensis, *Hort.*
P. confertus, *Moench.*
P. Gronovii, *Michx.*
P. laevigatus, *Hort.* (not *Pursh*).
P. padifolius, *Hort.*
P. prunifolius, *Hort.*
P. verticillatus, *L.* ; *Wats.* Dendr. Brit., vol. i., t. 30.

Nemopanthus canadensis, *DC.* Canada, &c.
Ilex canadensis, *Michx.*
I. delicatula, *Bartr.*
Prinos integrifolius, *Elliott.*

Celastrineæ.

Euonymus alatus, *Thunb.* ; *Regel*, Fl. Ussur. t. 7, f. 1–4. Japan, &c.

E. americanus, *L.* ; Nouv. Duhamel, vol. iii. p. 9. United States.

Var. **obovatus**, *Torr. & Gray.*
E. obovatus, *Nutt.*

E. atropurpureus, *Jacq.* Eastern North America.
E. americanus, *Hort.* (not *L.*).
E. macrocarpus, *Hort.*

E. citrifolius, *Hort.* Origin uncertain.

E. echinatus, *Wall.*; Bot. Mag. t. 2767. Himalaya to China.

E. europæus, *L.*; *Syme*, Engl. Bot., vol. iii., t. 317. Europe. Western Siberia.
E. vulgaris, *Scop.*

Var. **atropurpureus**, *Hort.*
E. purpureus, *Hort.*

Var. **aucubæfolius**, *Hort.*

Var. **foliis argenteo-variegatis.**

Var. **foliis aureo-variegatis.**

Var. **fructu albo.**

Var. **nanus.**

Var. **pallidus.**

E. japonicus, *Thunb.* China and Japan.

Var. **albo-marginatus.**

Var. **aureus.**

Var. **Duc d'Anjou.**
E. latifolius viridi-variegatus.

Var. **latifolius albo-variegatus.**

Var. **macrophyllus.**
E. robustus, *Hort.*

Var. **microphyllus**, *Hort.*
Eurya microphylla, *Hort.*

Var. **ovatus aureus.**

Var. **pallens**, *Carr.*
E. flavescens, *Hort.*

Var. **pulchellus foliis argenteis.**

E. latifolius, *Scop.*; Bot. Mag. t. 2384. Europe, Asia.

E. Maakii, *Rupr.* Amurland.

E. nanus, *MB.* Caucasus, &c.
E. americanus angustifolius, *Hort.*
E. angustifolius, *Hort.* (not *Pursh*).
E. angustifolius pulchellus, *Hort.*
E. Lilieurii, *Hort.*
E. linifolius, *Hort.*
E. rosmarinifolius, *Hort.*

E. pendulus, *Wall.* Himalaya.
E. fimbriatus, *Hort.* (not *Wall.*); Flore des Serres, vol. vii. 1851, p. 71.

E. radicans, *Sieb. & Zucc.* Japan.
Var. **Silver Gem.**
Var. **foliis pictis.**
Var. **foliis roseo-argenteis.**
Var. **viridis.**
Var. **Carrièrei.**
E. Carrièri, *Vauvel* in Rev. Hort. 1885, p. 295. (E. repens, *Carr.* in Rev. Hort. 1885, p. 295, is a branch sport of this form.)

E. thunbergianus, *Blume.* Amurland, Japan, &c.
E. subtriflorus, *Blume.*

E. verrucosus, *Scop.*; Nouv. Duhamel, vol. iii., p. 8; East Europe to Amurland.

Pachystima Canbyi, *Gray.* North Carolina and Virginia.

P. Myrsinites, *Rafin.* Western North America.
Myginda myrtifolia, *Nutt.* in *Hook.* Flora Boreali-Americana, vol. i., p. 120, t. 41.

Celastrus articulatus, *Thunb.* China and Japan.
C. Orixa, *Hort.* (not *Sieb. & Zucc.*).
C. punctatus, *Thunb.*

C. Orixa, *Sieb. & Zucc.* Japan.
Celastrus japonica, *K. Koch.*
Evodia ramiflora, *A. Gray.*
Orixa japonica, *Thunb.*; Gartenflora t. 1232.

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C. scandens, *L.* ; *Loud.* Arbor., vol. ii., p. 502, f. 171. North America.
C. bullatus, *L.*

Maytenus chilensis, *DC.* Chili.

Rhamneæ.

Paliurus australis, *Gaertn.* South Europe.
P. aculeatus, *Lam.* ; Nouv. Duhamel, vol. iii. p. 17.

Berchemia racemosa, *Sieb. & Zucc.* Japan.

B. volubilis, *DC.* ; *Loud.* Arbor., vol. ii., p. 528, f. 196. Southern United States.
Rhamnus scandens, *Hill.*
R. volubilis, *L. fil.*

Rhamnus Alaternus, *L.* ; Nouv. Duhamel, vol. ii., t, 14. South West Europe.

Var. **angustifolius.**
R. angustifolius, *Mill.*
R. Clusii, *Willd.*
R. utilis, *Hort.* (not *Dcne.*).

Var. **angustifolius variegatus.**

Var. **latifolius.**

R. alnifolius, *L'Herit.* ; *Loud.* Arbor. vol. ii., p. 536, f. 206. United States.
R. franguloides, *Michx.*

R. alpinus, *L.* ; *Lodd.* Bot. Cab., t. 1077. Alps.

Var. **grandifolius,** *Loud.*

R. argutus, *Maxim.* China and Japan.

R. californicus, *Eschsch.* California.
Rhamnus intermedius, *Hort.*
R. laurifolius, *Nutt.*
R. oleifolius, *Hook.* ; Rev. Hort. 1874, p. 354, f. 47.
R. pedunculatus, *Hort.*
Frangula californica, *Gray.*

R. carolinianus, *Walt.*; *Nutt.* Sylva, vol. ii., p. 50, t. 59. Southern United States.
R. californicus, *Hort.* (not *Eschsch.*).
Frangula caroliniana, *Gray.*

R. catharticus, *L.*; *Syme*, Engl. Bot., vol. iii., t. 318. Europe, Asia.
R. infectorius, *Hort.* (not *L.*).
R. Wicklius, *Hort.*

R. davuricus, *Pall.* Siberia to China.
R. bapticus, *Dcne.*
R. utilis, *Dcne.*
R. virgatus, *Roxb.*

R. Frangula, *L.*; *Syme*, Engl. Bot., vol. iii., t. 319. Europe.
R. latifolius, *Hort.* (not *L'Herit.*).

Var. **asplenifolius**, *Hort.*

Var. **aureo-variegatus.**

Var. **angustifolius.**
R. franguloides, *Hort.* (not *Michx.*).

Var. **latifolius.**
R. sibiricus, *Hort.*

R. hybridus, *L'Herit.* (R. Alaternus ♂ × alpinus ♀). Europe.
R. sempervirens, *Hort.*
R. subsempervirens, *Hort.*

Var. **Billardi**, *Lavall.*
R. Billardi, *Hort.*
R. ovalifolius, *Hort.*

R. infectorius, *L.* South Europe.
R. oleoides, *Hort.* (not *L.*).

R. libanoticus, *Boiss.*; Bot. Mag. t. 6721. Asia Minor and Syria.
R. castaneifolia, *Hort.*
R. grandifolia, *Hort.* (not *Fisch. & Mey.*).
R. Imeritiæ, *Hort.*

R. oleoides, *L.* South-west Europe.

R. purshianus, *DC.*; *Loud.* Arbor., vol. ii., p. 538, f. 211. California.
Frangula purshiana, *Cooper.*
Rhamnus rubra, *Greene.*

R. saxatilis, *L.* Europe, &c.

R. tinctorius, *Waldst. & Kit.* Europe, Asia.
R. chlorophorus, *Dcne.*
R. globosus, *Bunge.*

Hovenia dulcis, *Thunb.*; Bot. Mag. t. 2360. Himalaya, China, &c.

Ceanothus americanus, *L.*; Bot. Mag. t. 1479. Eastern United States.
C. intermedius, *Pursh.*

Var. **opacus**, *Lange.*

C. azureus, *Desf.* Mexico.
C. latifolius, *Hort.*

C. cuneatus, *Nutt.* California.
C. macrocarpus, *Nutt.*
C. verrucosus, *Nutt.*; Bot. Mag. t. 4660.

C. divaricatus, *Nutt.* California.

C. integerrimus, *Hook. & Arn.* California.
C. californicus, *Kellogg.*
C. nevadensis, *Kellogg.*

C. papillosus, *Torr. & Gray*; Bot. Mag. t. 4815. California.

C. rigidus, *Nutt.*; Bot. Mag. t. 4664. California.

C. thyrsiflorus, *Eschsch.*; Bot. Reg. tt. 30, 38. *Sargent*, Silva of North America, t. 64. California.
C. elegans, *Lam.*
C. radicans superba, *Hort.*

C. veitchianus, *Hook.*; Bot. Mag. t. 5127. California.

Colletia cruciata, *Gill. & Hook.*; Bot. Mag. t. 5033. Uruguay.
C. armata, *Miers.*
C. bictonensis, *Lindl.* in Journ. Hort. Soc. vol. v., p. 31.

C. ferox, *Gill.*
C. horrida, *Hort.*
C. polyacantha, *Hort.*
C. spinosa, *Lam.*
C. spinosissima, *Hort.*
C. valdiviana, *Phil.*

Discaria longispina, *Miers.* Uruguay.
Colletia longispina, *Hook. & Arn.*

D. serratifolia, *Gay*; Gard. Chron., ser. ii. 1876, vol. vi., p. 325, f. 65. Chili.
Colletia Chacaye, *G. Don.*
C. serratifolia, *Vent.*

D. Toumatou, *Raoul.* New Zealand.

Ampelideæ.

Vitis aestivalis, *Michx.*; *Loud.* Arbor., vol. i., 479, f. 142. United States.
V. intermedia, *Muhlb.*
V. labruscoides, *Muhlb.*
V. Linsecumii, *Buckl.*
V. virginiana, *Hort.*

V. arborea, *L.* South United States.
V. bipinnata, *Torr. & Gray.*
Ampelopsis bipinnata, *Michx.*
Cissus arborea, *Desmoul.*
C. bipinnata, *Nutt.*

V. arizonica, *Engelm.* Arizona.
V. arizonensis, *Hort.*
V. californica, *Hort.*

V. amurensis, *Rupr.* Amurland, North China, &c.
V. vinifera *var.* amurensis, *Regel.*

V. Berlandieri, *Planch.* Texas, &c.
V. monticola, *Engelm.*

V. californica, *Benth.* California.
V. caribæa, *Hook.* (not *DC.*).

V. capreolata, *Don*; Himalaya.
V. hederacea, *Wall.*
Cissus capreolata, *Don.*
C. nepaulensis, *DC.*
C. serrulata, *Roxb.*
Tetrastigma serrulatum, *Planch.*

V. × Champini, *Planch.* (V. rupestris × candicans). Texas.

V. cinerea, *Engelm.* Mississippi Valley.
V. aestivalis *var.* cinerea, Engelm.
V. canescens, *Hort.*

V. Coignetiæ, *Pul. & Planch.* Japan.
V. congesta, *Hort.*

V. cordifolia, *Michx.*; *Loud.* Arbor., vol. i., p. 480, f. 143. United States.
V. vulpina *var.* cordifolia, *Regel.*
V. virginiana, *Hort.*

V. ficifolia, *Bunge.* China and Japan.

V. flexuosa, *Thunb.* China and Japan.
V. parvifolia, *Roxb.*
V. succisa, *Hance.*

V. heterophylla, *Thunb.* China and Japan.
V. davidiana, *Carr.*
Ampelopsis aconitifolia, *Hort.*
A. heterophylla, *Sieb. & Zucc.*
Cissus brevipedunculata, *Maxim.*
C. bryonifolia, *Regel.*

Var. **humulifolia**, Bot. Mag. t. 5682.
Ampelopsis humulifolia, *Bunge.*

Var. **variegata**.

V. himalayana, *Brand.* Himalaya.
V. neilgherrensis, *Wight*, Ic. t. 965.
Ampelopsis himalayana, *Royle.*
Cissus himalayana, *Walp.*

V. inconstans, *Miq.* China and Japan.
V. Roylei, *Hort.*
V. Weitchi, *Lavall.*

Ampelopsis tricuspidata, *Sieb. & Zucc.*
A. Veitchii, *Hort.*; Gard. Chron., ser. ii., 1880, vol. xiv., p. 664, f. 126.
Cissus Thunbergii, *Sieb. & Zucc.*
Parthenocissus tricuspidata, *Planch.*

V. japonica, *Thunb.* Eastern Asia.
Cissus cyanocarpa, *Miq.*
C. japonica, *Willd.*
C. leucocarpa, *Blume.*

V. Labrusca, *L.*; *Loud.* Arbor., vol. i., p. 479, f. 141. North America.

V. orientalis, *Boiss.* Orient.
Ampelopsis orientalis, *Planch.*
Cissus clematifolia, *Cav.*
C. orientalis, *Lam.*; *Wats.*, Dendr. Brit. t. 113.
C. pinnata, *Soland.*

V. quinquefolia, *Lam.* North America.
Ampelopsis hederacea, *DC.*
A. quinquefolia, *Michx.*
Parthenocissus quinquefolia, *Planch.*

Var. **hirsuta.**
Ampelopsis hirsuta, *Don.*

Var. **incisa.**

Var. **major.**

V. riparia, *Michx.*; Bot. Mag. t. 2429. North America.
V. cordifolia *var.* riparia, *Gray.*
V. odoratissima, *Don.* (is male plant of this species).

Var. **palmata**, *Planch.*
V. palmata, *Vahl.*
V. virginiana, *Poir.*

V. Romaneti, *Caill.* North China.

V. rupestris, *Scheele.* South United States.

V. serianæfolia, *Maxim.* China and Japan.
Ampelopsis serianæfolia, *Bunge.*
Cissus viticifolia, *Sieb. & Zucc.*
Paullinia japonica, *Thunb.*

V. striata, *Baker*. Rio Grande do Sul.
Ampelopsis sempervirens, *Hort.*, Gard. Mag., February 13, 1886, p. 91.
Cissus striata, *Ruiz & Pav.*

V. Thunbergii, *Sieb. & Zucc.* China and Japan.
V. Sieboldii, *Hort.*
V. ficifolia *var.* Sieboldii, *Lavallée.*

V. vinifera, *L.* Orient.

Var. **laciniosa.**
V. laciniosa, *L.*
V. apiifolia, *Hort.*

Var. **sylvestris.**
V. sylvestris, *Gmelin.*
V. cebennensis, *Jord.*

? Var. **Davidii.**
Spinovitis Davidii, *Carr.*

V. vulpina, *L.* North America.
V. rotundifolia, *Michx.*

Sapindaceæ.

Kolreuteria bipinnata, *Franchet* in Revue Horticole, 1888, p. 393, f. 93. China.

K. paniculata, *Laxm.*; Gard. Chron. ser. iii., 1887, vol. ii., p. 561, f. 111. China.

Æsculus californica, *Nutt.*; *Sargent*, Silva of North America, tt. 71, 72. California.
Calothyrsus californicus, *Spach.*
Pavia californica, *Hartw.*

Æ. carnea, *Willd.*; *Watson*, Dendr. Brit., vol. ii, p. 121. ? Garden Hybrid.
Æ. floribunda, *Hort.*
Æ. rubicunda, *DC.*; Flore des Serres, t. 2229–30.
Æ. spectablis, *Hort.*
Pavia watsoniana, *Spach.*

Æ. chinensis, *Bunge*. North China.
Æ. sinensis, Gard. Chron. ser. iii., 1889, vol. v., p. 717, f. 116.

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Æ. flava, *Ait.* United States.
Æ. lucida, *Hort.* (not *Spach*).
Æ. lutea, *Wangh.*
Æ. neglecta, *Lindl.* in Bot. Reg. t. 1009.
Æ. octandra, *Marsh.*; *Sargent*, Silva of North America, tt. 69, 70.
Pavia bicolor, *Rafin.*
P. flava, *Moench.*
P. fulva, *Rafin.*
P. hybrida, *Hort.*
P. lutea, *Poir.*
P. macrocarpa, *Hort.*
P. neglecta, *Don.*
P. pallida bicolor, *Hort.*

Æ. glabra, *Willd.*; *Sargent*, Silva of North America, tt. 67, 68. United States.
Æ. echinata, *Muhlb.*
Æ. ohioensis, *DC.*
Æ. pallida, *Willd.*
Pavia glabra, *Spach.*
P. ohioensis, *Michx.*
P. pallida *Spach.*

Æ. Hippocastanum, *L.* Mountains of South-eastern Europe.

Var. **flore pleno,** Illustration Horticole, vol. ii. t. 50.

Var. **foliis aureis variegatis.**

Var. **laciniata.**
Æ. asplenifolia, *Hort.*
Æ. heterophylla, *Hort.*
Æ. incisa, *Hort.*

Æ. indica, *Colebr.*; Bot. Mag. t. 5117. Western Himalaya.

Æ. parviflora, *Walt.* South-eastern United States.
Æ. macrostachya, *Michx.*
Macrothyrsus discolor, *Spach.*
Pavia alba, *Poir.*
P. edulis, *Poit.*
P. macrostachya, *Loisel.*

Æ. Pavia, *L.* United States.
Æ. humilis, *Lodd.*; Bot. Reg. t. 1018.
Pavia atropurpurea, *Spach.*
P. humilis, *G. Don.*
P. lindleyana, *Spach.*
P. lucida, *Spach.*
P. Michauxii, *Spach.*
P. nana, *Hort.*
P. pendula, *Hort.*
P. pumila, *Hort.*
P. rubra, *Lam.*
P. willdenowiana, *Spach.*

Ungnadia speciosa, *Endl.*; Flore des Serres, vol. x, t. 1076. Mexico, &c.

Xanthoceras sorbifolia, *Bunge*; Bot. Mag. t. 6923. North China.

Acer argutum, *Maxim.*; Gard. Chron., ser. ii., 1881, vol. xv., p. 725, f. 132. Japan.

A. campestre, *L.*; *Syme*, Engl. Bot. t. 321. Europe, West Asia.

Var. **austriacum.**
A. austriacum, *Tratt.*
A. campestre *var.* macrophyllum, *Hort.*
A. molle, *Opiz.*
A. tauricum, *Hort.*

Var. **collinum,** *Wallr.*
A. campestre *var.* leiocarpum, *DC.*

Var. **hebecarpum,** *DC.*
A. campestre *var.* lasiocarpum, *Wimm.*
A. campestre *var.* pubescens, *Boenningh.*
A. hyrcanum, *Hort.* (not *Fisch. & Mey.*).

Var. **pulverulentum.**
A. campestre foliis punctatis.
A. campestre maculatum.

Var. **variegatum.**
A. campestre argenteo-marginatum.

A. carpinifolium, *Sieb. & Zucc.*; Gard. Chron., ser. ii., 1881, vol. xv., p. 564, f. 105. Japan.

A. caudatum, *Wall.*; Gard. Chron., ser. ii., 1881, vol. xv., p. 365, f. 68. Kashmir to Kumaon.
A. acuminatum, *Gordon* in Garden, vol. iii., p. 371, f.
A. laevigatum, *Hort.*

A. circinatum, *Pursh*; *Sargent*, Silva of North America, t. 88. California, &c.

A. cissifolium, *K. Koch.* Japan.
Negundo cissifolium, *Sieb. & Zucc.*
N. nikoense, *Miq.* (not *Maxim.*).

A. coriaceum, *Tausch.* (A. Pseudo-platanus × monspessulanum).
A. trilobatum, *Hort.*

A. crataegifolium, *Sieb. & Zucc.*, Flora Japonica t. 147. Japan.
Var. **Veitchi**, *Nichols.*

A. creticum, *L.*; *Loud.* Encyclop. of Trees and Shrubs, p. 94, f. 142, p. 121, f. 163. Asia Minor.
A. barbatum, *Petz. & Kirchn.* (not *Michx.*).
A. parvifolium, *Tausch.*
A. polymorphun, *Spach* (not *Sieb. & Zucc.*).

A. dasycarpum, *Ehrh.*; Gard. Chron., ser. ii., 1881, vol. xv., p. 137, f. 24; Garden and Forest, vol. iv., p. 133, f. 26. Eastern North America.
A. album, *Hort.*
A. Douglasi, *Arbor. Zoesch.*
A. eriocarpum, *Michx.*
A. floridum, *Hort.*
A. palmatum, *Hort.* (not *Thunb.*).
A. Pavia, *Hort.*
A. rubrum, *L. var.* pallidum, *Ait.*
A. saccharinum, *L.*; *Sargent*, Silva of North America, t. 93.
A. saccharinum floridanum, *Hort.*
A. Saccharum, *Marsh.*
A. Saira, *Hort.*
A. tomentosum, *Hort.*
A. virginicum rubrum, *Hort.*
A. Wagneri laciniatum, *Hort.*

Var. **laciniatum**, *Pax*.
A. heterophyllum, *Hort*.
A. Wagneri dissectum, *Hort*.
A. Wieri laciniatum; Wiener Illust. Garten Zeitung, vol. vii., p. 410.

Var. **lutescens**, *Hort*.

Var. **pulverulentum**, *Hort*.

A. diabolicum, *Blume*; Gard. Chron., ser. ii., 1881, vol. xv., p. 532, f. 100. Japan.
A. pulchrum, *Hort*.

A. distylum, *Sieb. & Zucc.*; Gard. Chron., ser. ii., 1881, vol. xv., p. 499, f. 93. Japan.

A. glabrum, *Torr. & Gray*; *Sargent*, Silva of North America, t. 89. Western North America.
A. Douglasii, *Hook*.
A. tripartitum, *Nutt*.

A. grandidentatum, *Nutt*. Western North America.
A. barbatum *var*. floridanum, *Sargent*.
A. saccharinum *var*. floridanum, *Chapm*.

A. Heldreichi, *Orph*.; Gard. Chron., ser. ii., 1881, vol. xv., p. 141, f. 25. Eastern Europe.

A. heterophyllum, *Willd*.; Garden, vol. ii., p. 283, f. Orient.
A. microphyllum, *Hort*.
A. obtusifolium, *Sibth*.
A. orientale, *C. Koch*.
A. sempervirens, *Hort*.

A. hyrcanum, *Fisch. & Mey*. Caucasus.
A. caucasicum, *Hort*.
A. ibericum, *Hort*. (in part).
A. italum, *var*. hyrcanum, *Pax*.
A. lobatum, *Gordon* in Garden, vol. iii., p. 69, f.
A. tauricum, *Hort*. (in part).

A. insigne, *Boiss. & Buhse var*. velutinum, *Boiss*.; Gard. Chron., ser. iii., 1891, vol. x., p. 189, f. 24. Northern Persia.

A. japonicum, *Thunb.*; *Sieb. & Zucc.*, Fl. Jap. vol. ii., t. 144. Japan.
A. macrophyllum, *Hort.* (not *Pursh*).
A. palmatum macrophyllum, *Hort.*
A. vitifolium, *Hort.*

A. Lobelii, *Tenore*, Flora Neapolitana, vol. v., p. 291, t. 199. Southern Italy.
A. atheniense, *Hort.*
A. platanoides, *L. var.* Lobelii, *Loud.* Arbor. Brit., p. 444, f. 120.

A. macrophyllum, *Pursh*; *Sargent*, Silva of North America, tt. 86, 87. California, &c.
A. murrayanum, *Hort.*
A. speciosum, *Hort.*

A. micranthum, *Sieb. & Zucc.* in Fl. Jap., p. 141, t. 80. Japan.

A. monspessulanum, *L.*; *Loud.* Arbor. vol. i., p. 458, f. 131. Mediterranean Region.
A. heterophyllum, *Hort.* (not *Willd.*)
A. ibericum, *Bieberst.*
A. illyricum, *Jacq.*
A. liburnicum, *Hort.*
A. littorale, *Hort.*
A. monspeliense, *Hort.*
A. trifolium, *Duham.*
A. trilobum, *Moench.*
A. trilobatum, *Lam.*

A. Negundo, *L.*; *Sargent*, Silva of North America, t. 96. United States.
Negundo aceroides, *Moench.*
N. fraxinifolium, *Nutt.*

Var. **californicum**, *Sargent*, Silva of North America, t. 97.
Acer californicum, *Dietr.*
Negundo californicum, *Torr. & Gray.*

Var. **crispum**, *G. Don*; *Loud.* Encycl. of Trees and Shrubs, p. 122, f. 165.

Var. **Guichardi**, *Hort.*

Var. **laciniatum**, *Hort.*

Var. **variegatum**, *Hort.*

A. nikoense, *Maxim.* (not *Miq.*). Japan.
A. maximowiczianum, *Miq.*
Negundo nikoense, *Nichols.*

A. opulifolium, *Vill.* Europe.
A italicum, *Lauche.*
A. italum, *Lauth.*
A. Opalus, *Ait.; Gordon* in Garden, 1872, p. 443, f.
A. rotundifolium, *Lam.*

Var. **neapolitanum.**
A. neapolitanum, *Tenore*, Flora Neapolitana, t. 100.
A. hybridum, *Hort.*
A. obtusatum *var.* neapolitanum, *Hort.*

Var. **obtusatum.**
A. obtusatum, *Kit.*

A. palmatum, *Thunb.; Loud.* Encycl. of Trees and Shrubs, p. 90, f. 158. Japan.
A. polymorphum, *Sieb. & Zucc.*, Fl. Jap., p. 83, t. 145.

Palmatum Group.

Var. **aureum.**
Acer japonicum polymorphum aureum, *Hort.*

Var. **crispum**, Illustration Horticle, ser. iii., 1870, t. 43.
A. crispatum, *Hort.*

Var. **linearilobum**, *Sieb. & Zucc.*, Fl. Jap., p. 84, t. 146.
A. integrum, *Hort.*

Var. **roseo-marginatum.**
A. japonicum roseo-marginatum, *Hort.*
A. polymorphum roseo-marginatum, *Hort.*

Septemlobum Group.

Var. **septemlobum**, *Koch.*
A. septemlobum, *Thunb.*

Var. **septemlobum atropurpurem.**
A. atropurpureum, *Hort.*
A. japonicum atropurpureum, *Hort.*

Var. **septemlobum bicolor**, *Hort.*

Var. **septemlobum elegans.**

Var. **septemlobum elegans purpureum.**
A. digitatum atropurpureum, *Hort.*

Dissectum Group.

Var. **dissectum.**
A. dissectum, *Thunb.*
A. japonicum dissectum, *Hort.*
A. palmatifidum, *Hort.*
A. palmatum pinnatifidum, *Hort.*
A. polymorphum *var.* decompositum, *Sieb. & Zucc.*, Fl. Jap., p. 84, t. 146.

Var. **dissectum ornatum,** Illustration Horticole, 1870, p. 244, t. 46.
A. japonicum ornatum, *Hort.*
A. palmatifidum ornatum, *Hort.*
A. palmatifidum rubrum, *Hort.*

Var. **dissectum sessilifolium,** Gard. Chron., ser. ii., vol. xvi., p. 137, f. 30.
Negundo sessilifolium, *Sieb. & Zucc.*

A. pectinatum, *Wall.*; Gard. Chron., ser. ii. 1881, vol. xv., p. 365, f. 69. Nepal and Sikkim.
A. caudatum, *Wall.* (in part).

A. pennsylvanicum, *L.*; *Sargent*, Silva of North America, tt. 84, 85. Eastern United States.
A. canadense, *Marsh.*
A. hybridum, *Bosc.*
A. striatum, *Du Roi.*

A. pictum, *Thunb.* Mandshuria, Japan.

Var. **marmoratum.**

Var. **rubrum,** *Nichols.*
A. colchicum rubrum, *Hort.*

Var. **variegatum.**

A. platanoides, *L.*; *Loud.* Encycl. of Trees and Shrubs, pp. 83, 104, 105. Europe.

Var. **columnare,** *Carr.*

Var. **cucullatum.**

Var. **globosum.**
A. globosum, *Hort.*

Var. **heterophyllum variegatum,** *Hort.*
A. digitatum aureo-marginatum, *Hort.*

Var. **laciniatum.**
A. crispum, *Hort.*; *Loud.* Encycl. of Trees and Shrubs, p. 84, f. 128.
A. laciniosum, *Hort.*

Var. **palmatum.**
A. dissectum, *Hort.*
A. Lorbergi, *Hort.*
A. palmatifidum, *Hort.*
A. platanoides digitatum, *Hort.*

Var. **purpureum.**

Var. **Reitenbachii.**

Var. **rubrum,** *Regel*; Gartenflora, 1867, p. 163, f. 545.

Var. **Schwedleri**; Gard. Chron., ser. ii., 1881, vol. xv., p. 565, f. 106.

A. **Pseudo-platanus,** *L.*; *Syme,* Eng. Bot., p. 230, t. 320. Central Europe, Western Asia.

Var. **atropurpureum.**

Var. **aucubaefolium.**

Var. **euchlorum.**

Var. **flavo-marginatum,** *Loud.*
A. P. corstorphinensis, *Hort.*
A. P. lutescens, *Hort.*

Var. **foliis albo-variegatis.**

Var. **Leopoldi,** Illustration Horticole, vol. xi., t. 411.

Var. **opulifolium.**

Var. **Prinz Handjery,** *Hort.*

Var. **purpureum,** *Loud.*
A. P. *var.* rubrum, *Hort.*
A. nigrum, *Hort.*

Var. **purpureo-variegatum,** *Hort.*

Var. **webbianum,** *Hort.*

A. rubrum, *L.*; *Sargent*, Silva of North America t. 94. United States.
A. carolinianum, *Hort.*
A. coccineum, *Michx. fil.*
A. floridanum, *Hort.*
A. glaucum, *Hort.*
A. globosum, *Hort.*
A. hypoleucum, *Hort.*
A. leucophyllum, *Hort.*
A. microphyllum, *Pax.*
A. semiorbiculatum, *Pax.*
A. virginianum, *Hort.*
A. Wagneri, *Hort.*

Var. **Drummondii**, *Sargent*, Silva of North America, t. 95.
A. Drummondii, *Hook. & Arn.*

Var. **sanguineum.**
A. fulgens, *Hort.*
A. sanguineum, *Spach.*
A. splendens, *Hort.*
A. tomentosum, *Hort.*

A. rufinerve, *Sieb. & Zucc.* Flora Jap. t. 158. China and Japan.

Var. **albo-limbatum**, *Hook.*, Bot. Mag. t. 5793.

A. saccharinum, *Wangh.* United States.
A. barbatum, *Sargent*, Silva of North America, t. 90.
A. saccharophorum, *Koch.*
A. Saccharum, *Britt.*

A. sieboldianum, *Miq.*; Gard. Chron., ser. ii., 1881, vol. xv., p. 590, f. 113. Japan.
A. japonicum *var.* sieboldianum, *Franch. & Sav.*
A. palmatum Kaempferi, *Hort.*

A. sikkimense, *Miq.* Himalaya.
A. cordifolium, *Hort.*
A. Griffithi, *Hort.*
A. Hookeri, *Hort.*

A. spicatum, *L.*; *Sargent*, Silva of North America, tt. 82, 83. United States.
A. montanum, *Ait.*
A. parviflorum, *Ehrh.*
A. pennsylvanicum, *Duroi* (not *L.*).
A. rugosum, *Hort.*

A. tataricum, *L.*; *Watson*, Dendr. Brit. t. 160. Eastern Europe, &c.
A. cordifolium, *Hort.*

Var. **Ginnala.** Amurland.
A. Ginnala, *Maxim.*
A. tataricum *var.* laciniatum, *Hort.*

Var. **Semenowii**, *Rgl. & Herd.*; Gard. Chron., ser. ii., 1881, vol. xiv., p. 74, f. 12. Turkestan.

A. Volxemi, *Masters* in Gard. Chron., ser. ii. 1877, vol. vii., p. 72, f. 10; ser. iii., 1891, vol. x., p. 11. f. 2. Caucasus.
A. Trautvetteri, *Medw.*

Staphylea Bumalda, *Sieb. & Zucc.* Fl. Jap. t. 95. Japan.

S. colchica, *Stev.*; Gard. Chron. ser. iii., 1887, vol. ii., p. 713, f. 137. Caucasus.
Hooibrenckia formosa, *Hort.*

S. Coulombieri, *André* (S. pinnata × colchica).

S. pinnata, *L.*; *Syme*, Engl. Bot., vol. iii., t. 322, South Europe.

S. trifolia, *L.*; Gartenflora, 1888, p. 529. North America.

Euscaphis staphyleoides, *Sieb. & Zucc.* Fl. Jap. t. 67. China and Japan.
E. japonica, *Dippel.*

Anacardiaceæ.

Rhus aromatica, *L.* South United States.
R. canadensis, *Marsh.*
R. suaveolens, *Ait.*

R. copallina, *L.*; *Dippel*, Handbuch der Laubholzkunde, vol. ii., p. 368, f. 169. Eastern United States.

R. Cotinus, *L.* Europe, &c.
Cotinus Coccygea, *Koch.*

Var. **atropurpurea.**

Var. **pendula.**

R. cotinoides, *Nutt.* Southern United States.
Cotinus americanus, *Nutt.*, North American Sylva, vol. ii. t. 81.

R. glabra, *L. Loud.* Arbor. Brit., vol. ii., p. 551, f. 225. United States.
R. caroliniana, *Mill.*
R. coccinea, *Hort.*
R. elegans, *Ait.*; *Wats.*, Dendr. Brit., vol. i., t. 16.
R. sanguinea, *Hort.*

Var. **laciniata**, *Carr.* in Revue Horticole, 1863, f. 1.

R. Osbeckii, *DC.* Revue Horticole, 1867, f. 14. China and Japan.
R. japonica Osbecki, *Hort.*
R semialata *var.* Osbeckii, *DC.*
R. typhina Osbecki, *Hort.*

R. succedanea, *L.* China and Japan.
Toxicodendron altissimum, *Mill.*

R. Toxicodendron, *L. Loud.* Arbor., vol. ii., p. 556, f. 23. North America and Japan.
R. ambigua, *Lavallée.*
R. japonica, *Hort.*
R. radicans, *L.*; Bot. Mag. t. 1899.
R. ternata, *Hort.*
R. trifoliata, *Hort.*
Ampelopsis japonica, *Hort.*
Toxicodendron pubescens, *Mill.*
T. vulgare, *Mill.*

R. typhina, *L.*; *Loud.* Arbor., vol. ii., p. 550, f. 224. Eastern United States.
R. americana, *Hort.*
R. canadensis, *Hort.* (not *Michx.*).
R. coriaria, *Hort.* (not *L.*).
R. frutescens, *Hort.*
R. glabra, *Hort.* (not *L.*).
R. gracilis, *Hort.*
R. viridiflora, *Poir.*

R. venenata, *DC.*; *Loud.* Arbor., vol. ii., p. 552, f. 226. Eastern United States.
R. vernix, *L.*, *Watson*, Dendr. Brit., vol. i., t. 19.
Toxicodendron pinnatum, *Mill.*

R. vernicifera, *DC.* China and Japan.
R. vernix, *Thunb.* (not *L.*).

Pistacia atlantica, *Desf.* North Africa.

P. Lentiscus, *L.*; Bot. Mag. t. 1967. Mediterranean Region.
P. massiliensis, *Mill.*

P. Terebinthus, *L.*; *Bentl. and Trim.* Med. Plants, t. 69. South Europe.

Schinus bonplandianus, *L.* South Brazil.
S. dependens *var.* subintegra, *Engler.*
Duvaua longifolia, *Lindl.* in Bot. Reg., vol. xxix., t. 59.
D. spinescens, *Tenore.*

S. dependens, *Ortega.* Chili.
Duvaua dependens, *DC.*; Bot. Reg. t. 1573.

Coriarieæ.

Coriaria myrtifolia, *L.*; *Wats.*, Dendr. Brit., vol. ii., t. 103. Mediterranean Region.

C. nepalensis, *Wall.* Himalaya.

C. thymifolia, *H.B.K.* Peru, &c.

Leguminosæ.

Anagyris foetida, *L.*; Revue Horticole, 1869, p. 290. Mediterranean Region.

Piptanthus nepalensis, *Sweet*, British Flower Garden, t. 264. Temperate Himalaya.
Anagyris indica, *Lindl.*
A. nepalensis, *Graham.*
Baptisia nepalensis, *Hook.*, Exot. Flora, t. 131.
Thermopsis laburnifolia, *Don.*
T. nepaulensis, *DC.*

Lupinus arboreus, *L.*; Bot. Mag. t. 682. California.
L. macrocarpus, *Hook. & Arn.*
L. rivularis, *Agardh.*
L. sericeus, *Eschsch.*

Adenocarpus decorticans, *Boiss.*; Gard. Chron. ser. ii., 1886, vol. xxv., p. 725, f. 160. Spain.

Laburnum Adami, *Lavall.* (L. vulgare × Cytisus purpureus).
Cytisus Adami, *Poit.*
C. Laburnum *var.* purpureus, *Hort.*; Bot. Reg. t. 1965.
Laburnum vulgare flore rubro, *Hort.*
L. vulgare purpurascens, *Hort.*

L. alpinum, *J. S. Presl.* Europe.
Cytisus alpinus, *Mill.*

Var **autumnalis**, *Hort.*

Var. **biferum**, *Hort.*
L. biflorum, *Hort.*

Var. **grandiflorum**, *Hort.*

Var. **hirsutum**, *Hort.*

Var. **Parksii**, *Hort.*

Var. **Watereri**, *Hort.*

L. caramanicum, *Benth. & Hook. fil.* Asia Minor.
Cytisus caramanicus, *Lavall.*
Podocytisus americanus, *Hort.*
P. caramanicus, *Boiss.*

L. vulgare, *J. S. Presl.* Europe.
L. anagyroides, *Medic.*
Cytisus Laburnum, *L.*

Var. **Carlieri**, *Hort.*
Cytisus Carlieri, *Hort.*

Var. **foliis aureis.**

Var. **fragrans**, *Hort.* (non *Griseb.*).

Var. **intermedium**, *Hort.*

Var. **involutum**, *Hort.*
L. vulgare monstrosum, *Hort.*
L. vulgare inflatum, Hort.

Var. **pendulum**, *Hort.*
L. vulgare pendulum elegans, *Hort.*

Var. **quercifolium**, *Hort.*

Var. **sessilifolium**, *Hort.*

Petteria ramentacea, *Presl.* Eastern Europe.
Cytisus fragrans, *Weld.*
C. ramentaceus, *Sieb.*
C. Weldeni, *Vis.*; Bot. Reg., vol. xxxix., t. 40.
Laburnum Weldeni, *Lavallée.*
L. fragrans, *Griseb.*

Genista aethnensis, *DC.*; *Moris*, Flora Sardoa, t. 28. Sicily, &c.
Spartium aetnense, *Biv.*; Bot. Mag. t. 2674.
S. trispermum, *Smith.*

G. anglica, *L.*; *Syme*, Engl. Bot., vol. iii., t. 326. Europe.
G. brutia, *Tenore.*
G. minor, *Lam.*

G. aspalathoides, *Lam.*; *Moris*, Flora Sardoa, tt. 29, 30. South-western Europe.
Spartium erinaceoides, *Loisel.*
S. aspalathoides, *Desf.*

G. berberidea, *Lange.* Spain.

G. cinerea, *DC.* South-western Europe.
G. ramosissima, *Boiss.* (not *Poir.*).
Spartium cinereum, *Vill.*
S. sphærocarpon. *Lapey.*

G. germanica, *L.*; Flora Danica, vol. xi., t. 1826. Europe.
Scorpius spinosus, *Moench.*

G. hispanica, *L.*; Rev. Hort. 1888, p. 36. South-west Europe.
G. villosa, *Lam.*
Spartium hispanicum, *Spreng.*
Ulex nanus, *Hort.* (not *Forst.*).

G. monosperma, *Guss.* Sicily.
Retama Gussonei, *Webb.*

G. pilosa, *L.*; *Syme*, Engl. Bot., vol. iii., t. 327. Europe.

G. radiata, *Scop.* Central and Southern Europe.
G. hispanica, *Hort.* (not *L.*).
G. holopetala, *Reichb.*
Cytisus radiatus, *Kit.*
Spartium radiatum, *L.*

G. sagittalis, *L.* Europe.
G. herbacea, *Lam.*
Cytisus sagittalis, *Kit.*
Spartium sagittale, *Roth.*

G. tinctoria, *L.*; *Syme,* Engl. Bot., vol. iii., t. 328. Europe, &c.
Carniola tinctoria, *Presl.*
Spartium tinctorium, *Roth.*

Var. elatior.
G. dumetorum, *Hort.*
G. elata, *Wender.*
G. elatior, *Koch.*
G. frutescens, *Hort.*
G. italica, *Hort.*
G. marginata, *Bess.*
G. multibracteata, *Hort.*
G. ovata, *Hort.*
G. polygalaefolia, *Hort.*
G. pubescens, *Lang.*
G. sibirica, *Rchb.*
G. thyrsiflora, *Hort.*
G. virgata, *Hoppe* (not *DC.*).

Var. flore pleno.

G. virgata, *DC.*; Bot. Reg. xxx., t. 11. Madeira.
G. cinerea, *Hort.* (not *DC.*).
G. elata, *Hort.* (not *Wender.*).
G. gracilis, *Poir.*
Cytisus tener, *Jacq.*
Spartium virgatum, *Ait.*

Spartium junceum, *L.*; Bot. Mag. t. 85. South Europe.
Genista juncea, *Lam.*
Spartianthus junceus, *Link.*

Var. flore pleno.

Ulex europaeus, *L.*; *Syme*, Engl. Bot., vol. iii., t. 323. Europe.

Var. **flore pleno.**

U. Gallii, *Planch.*; *Syme*, Engl. Bot., vol. iii., t. 324. Western Europe.

U. nanus, *Forst.*; *Syme*, Engl. Bot., vol. iii., t. 325. Western Europe.
U. europaeus nanus, *Hort.*

U. welwitschianus, *Planch.* South-west Europe.

Cytisus albus, *L.* Spain and Portugal.
C. multiflorus albus, *Hort.*
Genista multiflora, *Loisel.*
Sarothamnus albus, *Presl.*
S. parviflorus. *Willk.*
Spartium album, *Desf.*
S. multiflorum, *L'Herit.*; *Lodd.* Bot. Cab., t. 1052.

C. Ardoini, *Fourn.*; *Moggr.* Flora of Mentone, t. 58. Maritime Alps.

C. austriacus, *L.*; *Jacq.* Fl. Austr., vol. i.. t. 21. Eastern Europe.
C. banaticus, *Griseb.*
C. serotinus, *Hort.* (not *Kit.*).

Var. **leucanthus.**
C. leucanthus, *Waldst. & Kit.*
C. Rochelii, *Wierzb.*

C. biflorus, *L'Herit.*; Bot. Reg. t. 308. Eastern Europe.
C. canariensis, *Hort.*
C. caucasicus, *Hort.*
C. elongatus, *Waldst. & Kit.*
C. leucanthus, *Hort.* (not *Waldst. & Kit.*).
C. medicaginoides, *Hort.*
C. ratisbonensis, *Schaeff.*
C. ruthenicus, *Fisch.*
C. serotinus, *Kit.*
C. supinus, *Hort.* (not *Jacquin*).
C. uralensis, *Hort.*

C. capitatus, *Jacq.*; *Lodd.* Bot. Cab. p. 497. Europe.
C. calycinus, *Hort.*
C. nigricans nanus, *Hort.*

C. decumbens, *Walp.* Europe.
Genista Halleri, *Reyn.*
G. prostrata, *Lam.*

C. hirsutus, *L.*; Bot. Mag. t. 6819. South Europe and Asia Minor.
C. falcatus, *Waldst. & Kit.*
C. polytrichus, *Hort.*
C. tournefortianus, *Loisel.*
C. triflorus, *Lam.* (not *L'Herit.*).
C. uralensis, *Hort.* (in part).

C. linifolius, *Lam.* South-west Europe.
Genista linifolia, *L.*
Spartium linifolium, *Desf.*
Teline linifolia, *Webb.*

C. monspessulanus, *L.* Mediterranean Region.
Genista candicans, *L.*
G. triangularis, *Hort.* (not *Willd.*).
G. triquetra, *Hort.* (not *Ait.*).
Teline candicans, *Webb.*

C. nigricans, *L.*; Bot. Reg. t. 802. Europe.
Lembotropis nigricans, *Griseb.*

C. praecox, *Hort.* (C. purgans × C. albus).

C. purgans, *Boiss.*; Deutsche Garten-Zeitung 1886, p. 447. South-west Europe.
Genista daurica, *Hort.*
G. purgans, *Linn. fil.*
G. spartioides, *Hort.*
Sarothamnus purgans, *Gren. & Godr.*
Spartium purgans, *L.*
Spartocytisus purgans, *Webb.*

C. purpureus, *Scop.*; Bot. Mag. t. 1176. Eastern Europe.

C. scoparius, *Link.* Europe.
Genista scoparia, *Lam.*
Sarothamnus scoparius, *Syme*, Eng. Bot., vol. iii., t. 320.
S. vulgaris, *Wimm.*
Spartium scoparium, *L.*

Var. **andréanus.**
Genista andréana, Revue Horticole, 1886, p. 572.

Var. **pendulus.**

Var. **sulphureus.**

C. sessilifolius, *L.*; Bot. Mag. t. 255. South Europe.
Cytisus quinquefolius, *Hort.*
Lembotropis sessilifolius, *Griseb.*

Ononis aragonensis, *Asso.* Pyrenees.

O. fruticosa, *L.*; Bot. Mag. t. 317. South Europe.

O. Natrix, *L.*; Bot. Mag. t. 329. Europe.

O. rotundifolius, *L.*; Bot. Mag. t. 335. South Europe.

Medicago arborea, *L.*; *Lodd.*, Bot. Cab., t. 1379. South Europe.

Anthyllis Hermanniæ, *L.*; Bot. Mag. t. 2576. South Europe.
Cytisus graecus, *L.*

Psoralea glandulosa, *L.*; Bot. Mag. t. 990. Chili.

Amorpha canescens, *Nutt.*; Bot. Mag. t. 6618. United States.
A. Lewisii, *Hort.*

A. fruticosa, *L.*; Bot. Reg. t. 127. South United States.
A. canescens, *Hort.*
A. caroliniana, *Hort.*
A. coerulea, *Hort.*
A. crocea, *Hort.*
A. dealbata, *Hort.*
A. elatior, *Hort.*
A. emarginata, *Hort.*
A. fragrans, *Hort.*
A. Gardneri, *Hort.*
A. glabra, *Hort.*
A. ludoviciana, *Hort.*
A. marginata, *Hort.*
A. pubescens, *Hort.*
A. tenesseensis, *Hort.*
A. tomentosa, *Hort.*

Indigofera decora, *Lindl.*; Bot. Mag. t. 5063. China and Japan.

I. gerardiana, *Wall.* Himalaya.
I. atropurpurea, *Hort.*
I. coronillaefolia, *Hort.*
I. Dosua, Bot. Reg., vol. xxviii., t. 57 (not *Hamilt.*).
I. floribunda, *Hort.*

I. hebepetala, *Benth.* Himalaya.

Wistaria chinensis, *DC.* China.
Glycine chinensis, *Sims*, Bot. Mag. t. 2083.

W. frutescens, *DC.* United States.
Glycine frutescens, *L.*; Bot. Mag. t. 2103.

W. japonica, *Sieb. & Zucc.* Fl. Jap. t. 43. Japan.
Milletia japonica, *A. Gray.*

W. multijuga, *Van Houtte* in Flore des Serres, t. 2002. China.
W. grandiflora, *Hort.*

Robinia hispida, *L.*; Bot. Mag. t. 311. South United States.
R. montana, *Bartr.*
R. rosea, *Marsh.*

Var. **inermis**, *Carr.*
R. complexa, *Hort.*
R. hispida rosea, *Hort.*
R. macrophylla, *Hort.*

R. Pseudacacia, *L.*; *Loud.* Arbor., vol. ii., p. 609, tt. 83–86. Eastern United States.

Var. **angustifolia.**
R. angustifolia elegans, *Hort.*
R. microphylla, *Hort.*
R. myrtifolia, *Hort.*
R. umbraculifera angustifolia, *Hort.*

Var. **aurea.**

Var. **bella-rosea.**

Var. **bessoniana.**

Var. **bessoniana latifolia.**

Var. **coluteoides.**

Var. **crispa.**

Var. **decaisneana,** *Carr.* in Rev. Hort. 1863, p. 151, cum ic.

Var. **elegans.**

Var. **fastigiata.**
pyramidalis.
stricta.

Var. **heterophylla.**

Var. **inermis.**

Var. **linearis.**

Var. **monophylla.**
unifoliolata.

Var. **pendula.**

Var. **Rehderi.**

Var. **revoluta.**

Var. **tortuosa.**

R. viscosa, *Vent.* South United States.
R. glutinosa, *Curt.* in Bot. Mag. t. 560.

Carmichaelia flagelliformis, *Colen.* New Zealand.

Notospartium Carmichaeliae, *Hook. fil.* Bot. Mag. t. 6741. New Zealand.

Colutea arborescens, *L.*; Bot. Mag. t. 81. Mediterranean Region.
C. aurantiaca, *Hort.*
C. arborescens flore luteo, *Hort.*
C. crocea, *Hort.*

Var. **crispa.**

C. cruenta, *Ait.* Orient.
C. arborescens flore rubro, *Hort.*
C. brevialata, *Hort.*
C. orientalis, *Lam.*
C. purpurea, *Hort.*
C. sanguinea, *Pall.*

C. istria, *Mill.* Asia Minor.
C. halepica, *Lam.*
C. microphylla, *Delile.*
C. Pocockii, *Ait.*
C. procumbens, *L'Herit.*

C. melanocalyx, *Boiss.* Asia Minor.

Halimodendron argenteum, *DC.* Siberia, &c.
Caragana argentea, *Lam.*
Robinia Halodendron, *L'Herit.*; Bot. Mag. t. 1016.

Caragana arborescens, *Lam.* Siberia, &c.
Caragana inermis, *Mönch.*
C. mongolica, *Hort.*
C. Redowskii, *Fisch.*
C. vulgaris, *Hort.*
Robinia Caragana, *L.*

Var. **pendula.**

C. brevispina, *Royle.* Himalaya.
C. triflora, *Lindl. & Paxt.*, Flower Garden, vol. ii. f. 212.

C. Chamlagu, *Lam.* China and Japan.
C. chinensis, *Turcz.*
Robinia Chamlagu, *L'Herit.*
R. chinensis, *Pers.*

C. frutescens, *DC.*; *Sweet*, Flower Garden, t. 227. South Russia to Japan.
C. cuneata, *Moench.*
C. digitata, *Lam.*
C. frutex, *Koch.*
C. pygmaea, *Hort.* (not *DC.*).
C. rosea, *Turcz.*
Robinia frutescens, *L.*
R. sinensis, *Hort.*

Var. **pendula.**

C. microphylla, *Lam.* Altai and Dahuria eastward.
C. Altagana, *Poir.*
C. arborescens arenaria, *Hort.*
Robinia Altagana, *Pall.*
R. Caragana *var.* arenaria, *Sims*, Bot. Mag. t. 1886.
R. glomerata, *Hort.*

C. pygmaea, *DC.*; Bot. Reg. t. 1021. Caucasus to Himalaya.
C. arborescens gracilis, *Hort.*

C. spinosa, *DC.* Siberia.
C. spinosissima, *Koch.*
Robinia ferox, *Pall.*
R. spinosa, *L.*

C. tragacanthoides, *Poir.* Siberia.

Calophaca wolgarica, *Fisch.*; *Watson,* Dendr. Brit., vol. ii., t. 83. South Russia.
C. nepalensis, *Hort.*
Colutea wolgarica, *Lam.*

Astragalus Tragacantha, *L.*; *Watson,* Dendr. Brit., vol. ii., t. 84. Asia Minor.

Coronilla emeroides, *Boiss.* South-east Europe.

C. Emerus, *L.*; Bot. Mag. t. 445, Europe, &c.
C. pauciflorus, *Lam.*

C. juncea, *L.*; Bot. Reg. t. 820. South Europe.

Hedysarum multijugum, *Maxim.*; Gartenflora, t. 1122. Southern Mongolia.

Desmodium tiliaefolium, *G. Don.* Himalaya.

Lespedeza bicolor, *Turcz.*; Garden and Forest, 1892, vol. v., p. 114, fig. 18. China and Japan.

L. Sieboldi, *Miq.*; Garden and Forest, 1892, vol. v., p. 115, fig. 19. North China and Japan.
L. bicolor, *Hook. fil.*, Bot. Mag. t. 6602.
L. bicolor *var.* Sieboldi, *Maxim.*
Desmodium japonicum, *Hort.* (not *Miq.*).
D. penduliflorum, *Oudem.*; Gard. Chron., ser. ii., 1883, vol. xx., p. 749.
D. racemosum., *Sieb. & Zucc.*

Cladrastis amurensis, *Bnth.*; Bot. Mag. t. 6551. Amurland.
Maackia amurensis, *Rupr.*

C. tinctoria, *Rafin.* United States.
C. lutea, *C. Koch.*; *Sargent,* Silva of North America, tt. 119, 120.
Virgilia lutea, *Michx.*

Sophora japonica, *L.*; *Andrews,* Bot., Repos. vol. ix., t. 385. China.
Styphnolobium japonicum, *Schott.*

Var. **pendula.**

Var. **variegata.**

S. macrocarpa, *Sm.*; *Lodd.,* Bot. Cab., t. 1125. Chili.
Edwardsia chilensis, *Miers.*

S. tetraptera, *Ait.*; *Curtis,* Bot. Mag. t. 167. New Zealand.
Edwardsia grandiflora, *Salisb.*

Var. **microphylla.**
Sophora microphylla, *Ait.*
Edwardsia microphylla, *Salisb.*

Caesalpinia japonica, *Sieb. & Zucc.*; Gard. Chron., ser. iii. 1888, vol. iv., p. 513, fig. 73. Japan.
C. crista, *Thunb.*
C. sepiaria, *Miq.*

Gymnocladus canadensis, *Lam.*; *Loud.* Encycl. of Trees and Shrubs, p. 256, f. 418. North America.
G. dioicus, *C. Koch.*; *Sargent,* Silva of North America, tt. 123, 124.
Hyperanthera dioica, *Vahl.*

G. chinensis, *Baill.*; *Hook.* Ic. Pl. t. 1412. China.

Gleditschia australis, *Hemsl.* in Journ. Linn. Soc. vol. xxiii. t. 5. South China.
G. sinensis, *Hort.* (not *Lam.*).

G. japonica, *Miq.* Japan.

G. macracantha, *Desf.* China?
G. Fontanesii, *Spach.*

G. monosperma, *Walt.* South United States.
G. aquatica, *Marsh.*; *Sargent,* Silva of North America, tt. 127, 128.

G. sinensis, *Lam.* China, &c.
G. ferox, *Desf.*
G. horrida, *Willd.*
G. macrantha, *Hort.*
G. macrosperma, *Hort.*

G. triacanthos, *L.*; *Loud.* Arb. et Frut. vol. ii., p. 650, f. 90–1; *Sargent*, Silva of North America, tt. 125, 126. Eastern United States.
G. Bujoti, *Hort.*
G. monosperma, *Hort.* (not *Walt.*).
G. spinosa, *Marsh.*

Cercis canadensis, *L.*; *Loud.* Arb. et Frut. vol. ii., p. 659, f. 101–3; *Sargent*, Silva of North America, tt. 133, 134. North America.
Siliquastrum canadense, *Moench.*

Var. **flore pleno.**

C. chinensis, *Bunge.* China and Japan.
C. japonica, Flore des Serres, t. 849.

C. Siliquastrum, *L.*; Bot. Mag. 1138. Mediterranean Region.

Albizzia Julibrissin, *Durraz.* Orient.
Acacia Julibrissin, *Willd.*
Mimosa Julibrissin, *Forst.*

Rosaceæ.

†Amygdalus.

Prunus Amygdalus, *Stokes.* South Europe, Levant, &c.
Amygdalus communis, *L.*

Var. **amara**, *Stokes.*
Amygdalus communis *var.* amara, *DC.*
A. amara, *Hayn.*

Var. **dulcis**, *Stokes.*
Amygdalus communis *var.* dulcis, *DC.*

Var. **macrocarpa**, *Nichols.*
Amygdalus communis *var.* macrocarpa, *Ser.*

Var. **pendula.**
[illegible]

Var. **persicoides**, *Nichols.*
Persica amygdaloides, *Duham.*
Amygdalus communis *var.* persicoides, *Ser.*

P. davidiana, *Franchet.* China.
Persica davidiana, *Carr.* in Rev. Hort. 1872, p. 75, f. 10.
Amygdalus davidiana, *Dieck.*
Armeniaca davidiana, *Hort.*

P. eburnea, *Aitch. & Hemsl.* Persia, &c.
Amygdalus eburnea, *Spach.*

P. incana, *Stev.* Asia Minor, &c.
Amygdalus incana, *Pall.*
Cerasus incana, *Boiss.*

P. nana, *Stokes.* South Russia, &c.
Amygdalus nana, *L.*; Bot. Mag. t. 161.

P. orientalis, *Walp.* Orient.
Amygdalus argentea, *Lam.*
A. orientalis, *Ait.*; *Lodd.* Bot. Cab. t. 1137.
Cerasus orientalis, *Spach.*

P. Persica, *Stokes.* China, &c.
Persica vulgaris, *Mill.*
Amygdalus Persica, *L.*

Var. **flore roseo pleno.**
Amygdalus prunifolius flore pleno, *Hort.*

Var. **flore albo pleno.**
Amygdalus prunifolius flore albo, *Hort.*

Var. **foliis rubris.**
Persica atropurpurea, *Hort.*
Amygdalus Persica foliis rubris, Flore des Serres t. 1986.
Amygdalus atropurpurea, *Hort.*

P. Simonii, *Carr.* in Rev. Hort. 1872, p. 111 (coloured plate). China.
Persica Simoni, *Lavallée.*
Amygdalus Simonii, *Dieck.*

†† ARMENIACA.

P. Armeniaca, *L.* Northern China, &c.
Armeniaca *vulgaris, Lam.*

P. Brigantiaca, *Chaix*. South-east France.
P. Brigantina, *Vill.*
Armeniaca Brigantiaca, *Pers.*

P. dasycarpa, *Ehrh.*; Bot. Reg. t. 1243 ; ? Garden Hybrid.
Armeniaca atropurpurea, *Loisel.*
A. dasycarpa, *Pers.*
A. fusca, *Turp. & Poit.*

P. Mume, *Sieb. & Zucc.* Fl. Jap., vol. i., p. 29, t. 11. Japan.
P. Myrobalana fl. roseis, *Hort. gall.*
Armeniaca Mume, *De Vriese.*

P. tomentosa, *Thunb.*; *Sieb. & Zucc.* Fl. Jap., vol. i., p. 51, t. 22. China and Japan.
P. trichocarpa, *Bunge.*
Armeniaca tomentosa, *Hort.*

P. triloba, *Lindl.*; Flore des Serres, t. 1532. China.
Amygdalopsis Lindleyi, *Carr.*
Armeniaca triloba, *Hort.*
Prunopsis Lindleyi, *André.*

Var. **Petzoldii**, *Nichols.*
P. Petzoldi, *C. Koch*; Deutsche Garten Zeitung 1886, p. 257.
P. virgata, *Hort.*
Amygdalopsis virgata, *Hort.*
Amygdalus chinensis, *Hort.*
Armeniaca Petzoldii, *Hort.*

††† Prunus.

P. alleghaniensis, *Porter*. South United States.

P. americana, *Marsh.*; *Nutt.* Sylva, vol. ii., p. 19, t. 48. North America.

P. angustifolia, *Marshall*; *Sargent*, Silva of North America, t. 152. South Eastern United States.
P. Chicasa, *Michx.*
Cerasus Chicasa, *Ser.*

P. cerasifera, *Ehrh.*; Bot. Mag. t. 5934. ? Caucasus.
P. mirobalana, *Loisel.*
Cerasus myrobalanos, *Hort.*

Var. **angustifolia pendula**, *Dieck*.

Var. **atropurpurea**, *Dieck*. Persia.
P. Pissardi, *Carr*. in Rev. Hort. 1881, p. 190 (coloured plate).

P. Cocumilio, *Tenore*. South Italy.

P. communis, *Hudson*. Origin uncertain.
P. domestica, *L*.

Var. **juliana**.
P. domestica *var*. juliana, *DC*.

Var. **pruneauliana**.
P. domestica *var*. pruneauliana, *DC*.
P. œconomica, *Borkh*.
P. pyramidalis, *DC*.

Sub-var. **flore pleno**.
P. œconomica flore pleno.

P. divaricata, *Ledeb*.; Bot. Mag. t. 6519. Caucasus.

P. insititia, *L*. Europe, Orient.

P. italica, *Borkh*. *var*. flore pleno. Origin uncertain.
Polypetalia speciosa, *Hort*.

P. monticola, *C. Koch*. Asia Minor.

P. spinosa, *L*. Europe, North Asia.
P. fruticans, *Weihe*.

Var. **flore pleno**.

†††† Cerasus.

P. acida, *Borkh*. Europe.
Cerasus acida, *Dum*.
C. caproniana, *DC*.

Var. **flore pleno foliis variegatis**.

Var. **humilis**, *Hort*.
Cerasus caproniana humilis, *Hort*.

Var. **semperflorens**.
P. semperflorens, *Ehrh*.
Cerasus semperflorens, *DC*.
C. vulgaris *var*. semperflorens, *Loud*. Encycl., p. 281, f. 449.

P. Avium, *L.* Europe, &c.
Cerasus Avium, *Moench.*
C. domestica, *Hort.*
C. dulcis, *Gaertn.*
C. nigra, *Mill.*
C. sylvestris, *Loud.*

Var. **decumana.**
C. macrophylla, *Hort.*
C. nicotianaefolia; Belgique Horticole, 1866, p. 65, pl. 5, 6.

Var. **flore pleno.**
Prunus Avium multiplex, *Hort.*
Cerasus domestica flore pleno, *Hort.*

Var **juliana.**
C. juliana, *DC.*

Var. **laciniata.**
C. vulgaris laciniata, *Hort.*

Var. **nana.**

Var. **pendula.**
C. latifolia pendula, *Hort.*

Var. **praemorsa.**

P. Cerasus, *L.* Europe, &c.
P. acida, *Ehrh.*
P. austera, *Ehrh.*
Cerasus acida, *Mill.*
C. vulgaris, *Mill.*

Var. **persiciflora.**
Cerasus vulgaris *var.* persiciflora, *Loud.*

Var. **Rhexii flore pleno**; Garten Zeitung, 1886, p. 224, f. 53–4.
C. caproniana multiplex, *Hort.*
C. caproniana ranunculiflora, *Hort.*
C. serotina flore pleno, *Hort.*

P. Chamaecerasus, *Jacq.* Europe.
P. fruticosa, *Pall.*
P. intermedia, *Poir.*
Cerasus Chamaecerasus, *Loisel.*
C. fruticans, *Hort.*

C. intermedia, *Loisel.*
C. pumila, *Pall.*
Chamaecerasus fruticosa, *Pers.*

Var. **pendula.**

Var. **variegata.**
P. sinensis variegata, *Hort.*

P. humilis, *Bunge.* China.
P. japonica, *Carr.*, Rev. Hort. 1873, p. 457, f. 41 (not *Thunb.*).
P. Bungei, *Walp.*

P. Jacquemontii, *Hook. f.*; Bot. Mag. t. 6976. Afghanistan, &c.
Amygdalus humilis, *Edgw.*

P. japonica, *Thunb.*; *Sieb. & Zucc.* Fl. Jap., vol. i., p. 172, t. 90. China and Japan.
P. chinensis, *Blume.*
P. sinensis, *Pers.*
Amygdalus pumila, *Sims*, Bot. Mag. t. 2176.
Cerasus glandulosa, *Loisel.*
C. japonica, *Loisel.*

P. miqueliana, *Maxim.*; Garden and Forest, 1888, vol. i., p. 196, f. 37. Japan.
Cerasus herincquiana, *Lavallée*, Arb. Segrez. t. xxxv.

P. pendula, *Maxim.*; Garden and Forest, vol. i., p. 196, f. 36. Japan.
Cerasus Itosakura, *Sieb.*
C. pendula rosea, *Hort.*
C. subhirtella, *Miq.* (in part).

P. pennsylvanica, *L.* North America.
P. borealis, *Poir.*; *Lodd.* Bot. Cab. t. 1596.
P. lanceolata, *Willd.*
Cerasus borealis, *Michx.*
C. pennsylvanica, *Ser.*

P. prostrata, *Labill.* Orient.
Cerasus prostrata, *Spach.*

P. pseudo-cerasus, *Lindl.*; Gard. Chron., ser. iii. 1890, vol. vii., p. 609, f. 99. China and Japan.
P. paniculata, *Ker.* in Bot. Reg. t. 800.
Cerasus caproniana flore roseo pleno.
C. lannesiana, *Carr.*
C. Pseudo-cerasus, *Loud.*
C. Sieboldi rubra, *Hort.*
C. Watereri, *Hort.*

P. pumila, *L.* North America.
Cerasus pumila, *Michx.*
C. glauca, *Moench.*
C. Susquehana, *Eat. & Wright.*
C. depressa, *Ser.*
Prunus depressa, *Pursh*; *Lodd.* Bot. Cab. t. 1607.
P. Susquehana, *Willd.*
P. prostrata, *Hort.* (not *Labill.*).

P. serrulata, *Lindl.* China and Japan.
Cerasus serrulata, *G. Don*; *Nichols.*, Dictionary of Gardening, fig.
C. carnea plena, *Hort.*
C. juliana rosea, *Hort.*
C. hortensis flore roseo pleno, *Hort.*
C. Sieboldi, *Carr.*
C. sinensis nova, *Hort.*
Prunus serratifolia rosea plena, *Hort.*

††††† PADUS.

P. Capollin, *Zucc.* Mexico, &c.
P. Capuli, *Cav.*
P. copallina, *Hort.*
Cerasus Capollin, *DC.*
C. Capuli, *Ser.*; *Lavall.* in Arb. Segrez. t. xxxiv.
Padus capulinos, Rev. Hort. 1884, p. 111.

P. cornuta, *Royle.* Himalaya.
Cerasus cornuta, *Wall.*
Padus cornuta, *Carr.* in Rev. Hort. 1869, f. 61.

P. demissa, *Walp.* United States.
Cerasus demissa, *Nutt.*
Padus demissa, *Roem.*
Prunus virginiana *var.* demissa, *Torr.*

P. graeca, *Desf.* (P. Mahaleb × Avium). Europe.
Cerasus fontanesiana, *Spach.*
Prunus cerasifolia, *Hort.*

P. grayana, *Maxim.* Japan.
P. Padus *var.* japonica, *A. Gray.*

P. Maacki, *Rupr.* Mandshuria.

P. Mahaleb, *L.* Europe, &c.
P. cupaniana, *Guss.*
P. odorata, *Lam.*
Cerasus Mahaleb, *Mill.*
Padus Mahaleb, *Borck.*

Var. **chrysocarpa.**

Var. **globosa.**

Var. **monstrosa.**

Var. **pendula.**

Var. **variegata.**

P. mollis, *Walp.* Western United States.
P. pattoniana, *Hort.*
P. emarginata, Wats. *var.* mollis, *Brewer.*
Cerasus mollis, *Dougl.*
C. pattoniana, *Carr.* in Rev. Hort. 1872, p. 135, fig.

P. Padus, *L.* Europe, Asia.
Cerasus Padus, *DC.*
Padus germanica, *Borck.*
P. racemosa, *Lam.*

Var. **aucubaefolia**, *Hort.*

Var. **rotundifolia**, *Hort.*
P. laucheana, *Bolle.*

Var. **stricta**, *Hort.*

P. salicifolia, *H.B.K.* Chili, &c.

P. serotina, *Ehrh.* United States.
P. cartilaginea, *Lehm.*
Padus cartilaginea, *Roem.*
P. serotina, *Agardh.*

Var. **pendula.**
Padus serotina pendula, *Hort.*

P. virginiana, *L.* United States.
P. rubra, *Ait.*
Padus oblonga, *Moench.*
P. serotina, *Roem.*
Cerasus micrantha, *Spach.*
C. virginiana, *Loisel.*
Var. **asplenifolia.**
Var. **nana monstrosa**, *Hort.*

†††††† LAUROCERASUS.

P. caroliniana, *Ait.* Southern United States.
P. serratifolia, *Marsh.*
Cerasus caroliniana, *Michx.*; *Loud.* Arbor., vol. ii., p. 720, f. 423.
Laurocerasus caroliniana, *Roem.*
Padus caroliniana, *Hort.*

P. ilicifolia, *Walp.* Western United States.
Cerasus ilicifolia, *Nutt.*; *Paxt.* Fl. Gard., vol. iii., p. 44, f. 254.
Laurocerasus ilicifolia, *Roem.*

P. Laurocerasus, *L.* East Europe, Orient.
Cerasus Laurocerasus, *Loisel.*
Padus Laurocerasus, *Mill.*
Var. **angustifolia.**
Var. **camelliaefolia.**
Var. **caucasica.**
Var. **colchica.**
Var. **foliis variegatis.**
Var. **latifolia.**
Var. **parvifolia.**
Hartoghia capensis, *Hort.*
Var. **rotundifolia.**
Var. **salicifolia.**

P. lusitanica, *L. fil.* Spain and Portugal.
Cerasus lusitanica, *Loisel.*
Padus eglandulosa, *Moench.*
P. lusitanica, *Borck.*

Var. **azorica.**

Var. **coriacea.**

Var. **myrtifolia.**

Var. **ormstoniensis.**

Var. **variegata.**

Nuttallia cerasiformis, *Torr. & Gray*; Gard. Chron., ser. ii., 1883, vol. xix., p. 309, f. 44. California.

Spiraea arguta, *Zabel.* Garden origin.
S. multiflora alba, *Hort.*

S. bella, *Sims*, Bot. Mag. t. 2426. Temperate Himalaya.
S. amoena, *Hort.*
S. callosa indica, *Hort.*
S. Hookeri, *Hort.*
S. ovata, *Hort.*

S. betulifolia, *Pall.* Northern Hemisphere.
S. chamaedrifolia *var.* betulifolia, *Loud.* Arb. et Frut. Brit. vol. ii., p. 725.
S. splendens, *Hort.*

Var. **corymbosa.**
S. corymbosa, *Rafin.*
S. chamaedrifolia *var.* corymbosa, *Hort.*
S. arctica, *Hort. Angl.*

S. Blumei, *Don.* China and Japan.
S. chamaedrifolia, *Blume* (not *L.*).
S. rupestris, *Sieb.*

S. brachybotrys, *Lange* (S. canescens × Douglasi). Garden Hybrid.
S. luxuriosa, *Lavall.*
S. pruinosa, *Kirchn.*

S. bracteata, *Zabel* in Gartenzeitung 1886, p. 21, fig. Japan.
S. media, *Schmidt var.* rotundifolia *Nichols.*; Gard. Chron., ser. ii., 1885, vol. xxv., p. 283, fig. 56.
S. nipponica, *Maxim.*
S. rotundifolia alba, *Hort.*

S. brumalis, *Lange.* Garden origin.
S. vaccinifolia, *Hort.* (not *D. Don*).

S. bullata, *Maxim.*; Gardener's Magazine, July 31, 1886, p. 446. Japan.
S. crispifolia, *Hort.*

S. cana, *Waldst. & Kit.* Eastern Europe.
S. hypericifolia, *Hort.* (not *L.*)
S. regeliana. *Hort.* (not *Koch*).

S. canescens, *Don.* Himalaya.
S. argentea, *Hort.*
S. cuneata, *Hort.*
S. cuneifolia, *Wall.*
S. cuneifolia glauca, *Hort.*
S. dahurica, *Hort.*
S. decumbens, *Hort.* (not *Koch*).
S. flagellaris, *Hort.*
S. flagelliformis, *Hort.*
S. hypericifolia crenata, *Hort.*
S. indica, *Hort.*
S. lanata, *Hort.*
S. myrtifolia, *Hort.*
S. nepalensis. *Hort.*
S. nivea, *Hort.*
S. nutans, *Royle.*
S. ovalifolia, *Hort.*
S. rhamnifolia, *Hort.*
S. rhombifolia, *Hort.*
S. rotundifolia, *Lindl.*
S. ruscifolia, *Hort.*
S. serrata, *Hort.*
S. serratifolia, *Hort.*
S. Standishi, *Hort.*
S. vaccinifolia, *Hort.* (in part).

S. cantoniensis, *Lour.* China, Japan, and Himalaya.
S. corymbosa, *Roxb.*
S. japonica, *Sieb.*
S. lanceolata, *Poir.*
S. reevesiana, *Lindl.* in Bot. Reg., vol. xxx., t. 10.

S. chamaedrifolia, *L.*; Bot. Reg., vol. xv., t. 1222. Europe, &c.
S. ceanothifolia, *Tausch.*
S. ulmifolia, *Scop.*

Var. **flexuosa,** *Maxim.* South Siberia, &c.
S. flexuosa, Fisch.

S. conferta, *Zabel* (S. cana × crenata). Garden origin.
S. savranica, *Hort.*

S. crenata, *L.* Eastern Europe, &c.

S. decumbens, *Koch*; Gard. Chron., ser. ii., 1879, vol. xi., p. 752, f. 108. Europe.
S. procumbens, *Hort.*

S. discolor, *Pursh.* North-west America.
S. arinefolia, *Smith*; Bot. Reg. t. 1365.

Var. **dumosa**, *Watson.* California.
S. dumosa, *Nutt.*
S. Boursieri, *Carr.* in Rev. Hort. 1859, p. 519, f. 108.

S. Douglasi, *Hook.*; Bot. Mag. t. 5151. North-west America.
S. tomentosa argentea, *Hort.*
S. Menziesii, *Hook.*

S. expansa, *Wall.* Himalaya.
S. kumaonensis, *Hort.*

S. Hacqueti, *Fenzl & C. Koch.* Tyrol, &c.
S. pubescens, *Hort.* (not *Turcz.*).

S. hypericifolia, *L.* Northern Hemisphere.
S. thalictroides, *Pall.*

S. japonica, *L. fil.* India, China, and Japan.
S. bellioides, *Hort.*
S. callosa, *Thunb.*
S. Fortunei, *Planch.*; Bot. Mag. t. 5164.

Var. **alba.**
S. albiflora, *Miquel.*
S. callosa flore albo.
S. lanceolata, *Hort.* (not *Poir.*).

Var. **Bumalda.**
S. Bumalda, *Hort.*; Revue de l'Hort. Belge, 1891, vol. xvii. p. 12.

Var. **superba.**
S. callosa superba, *Hort.*

Var. **glabrata**, *Nichols.*
S. glabrata, *Lange.*

Var. **ruberrima.**
S. ruberrima, *Koch.*

S. laevigata, *L.* Siberia, &c.

S. lindleyana, *Wall.*; Bot. Reg., vol. xxxi., t. 33. Himalaya, &c.

S. longigemmis, *Maxim.* China.

S. media, *Schmidt.* Europe, &c.
S. confusa, *Reg. & Korn.*
S. oblongifolia, *Waldst.*

S. Millefolium, *Torr.*; Garden and Forest, 1889, vol. ii., p. 509. f. 137. California, &c.

S. mongolica, *Maxim.* Mongolia and China.

S. nobleana, *Hook.* Bot. Mag. t. 5169. California.
S. californica, *Hort.*
S. eximia, *Hort.*
S. paniculata rosea, *Hort.*
S. sanssouciana, *C. Koch.*
S. semperflorens, *Hort.*
S. syringiflora, *Hort.*

S. pikoviensis, *Besser.* (S. crenata × hypericifolia).
S. Nicoudierti, *Bosc.*

S. prunifolia, *Sieb. & Zucc.* Fl. Jap. t. 70. China and Japan.

S. pubescens, *Turcz.* China, &c.
S. chinensis, *Hort.*

S. salicifolia, *L.* Eastern Europe to Japan.

Var. **floribus albis.**

Var. **floribus roseis.**

Var. **paniculata**, *Maxim.* North America.
S. alba, *Du Roi*; Gard. Chron., ser. ii., 1879, vol. xi. p. 753, f. 109.
S. Douglasi latifolia, *Hort.*
S. latifolia, *Borkh.*
S. montana, *Don.*

Var. **minor.**

S. Schinabecki, *Zabel* (S. chamaedrifolia × trilobata). Garden origin.

S. sorbifolia, *L.* Himalaya to Japan, &c.
S. floribunda, *Hort.*
S. Foxii, *Hort.*
S. Pallasi, *Hort.*
S. pinnata, *Michx.*
Sorbaria sorbifolia, *A.Br.*

S. Thunbergi, *Sieb. & Zucc.* Fl. Jap. t. 69. China and Japan.
S. Thompsoni, *Hort.*

S. tomentosa, *L.* United States.

S. trilobata, *L.*; Garden and Forest, 1888, vol. i., p. 452, f. 71. North Asia.
S. crenata, *var.* sublobata, *Regel.*
S. hypericifolia trilobata, *Hort.*
S. rupestris, *Hort.* (not *Sieb.*).
S. thalictroides, *Hort.* (not *L.*).

S. Van Houttei, *Briot.* (media × trilobata). Garden origin.

Neillia amurensis, *Benth. & Hook.* Amurland, &c.
Spiraea amurensis, *Maxim.*

N. opulifolia, *Benth. & Hook.* North America.
Spiraea opulifolia, *L.*; *Loud.* Arb. et Frut. vol. ii., p. 723, f. 427–8.

Var. **lutea.**

Var. **mollis**, *Brewer & Watson.*
S. capitata, *Pursh.*
S. opulifolia *var.* mollis, *Hook.*

N. thyrsiflora, *Don*; Rev. Hort. 1888, p. 416, f. 95–96. Himalaya.

N. Torreyi, *Watson*; Garden and Forest, 1889, vol. ii., f. 84. California.
Spiraea monogyna, *Torr.*

Stephanandra flexuosa, *Sieb. & Zucc.* China and Japan.
Spiraea incisa, *Thunb.*
Stephanandra incisa, *Zabel.*

Exochorda grandiflora, *Lindl.*; Garden, February 24, 1877, col. plate. China.
Amelanchier racemosa, *Lindl.*
Spiraea *grandiflora*, *Hook.*; Bot. Mag. t. 4765.

E. Alberti, *Regel.* Persia.

Kerria japonica, *DC.* ; Bot. Reg. t. 1873. China.
Corchorus japonicus, *Thunb.*

Var. **flore pleno,** Bot. Mag. t. 1296.

Var. **foliis variegatis.**

Rhodotypos kerrioides, *Sieb. & Zucc.*; Bot. Mag. t. 5805. China and Japan.

Neviusia alabamensis, *Gray*; Bot. Mag. t. 6806. Alabama.

Eucryphia Billardieri, *Spach, var.* Milligani, *Hook. fil.*; Bot. Mag. t. 7200. Tasmania.

E. pinnatifolia, *Gay* ; Bot. Mag. t. 7067. Chili.

Rubus balfourianus, *Blox.* Europe.

R. Bellardi, *Weihe, var.* dentatus. Europe.

R. biflorus, *Buchan.* Temperate Himalaya.

R. boraeanus, *Genev.* Europe.

R. Borreri, *Salter, var.* dentatifolius, *Briggs.* Europe.

R. calvatus, *Blox.* Europe.

R. caesius, *L.* Europe.

R. canadensis, *L.* North America.

R. Colemani, *Blox.* Europe.

R. cordifolius, *Bab.* (not *Waldst. & Kit.*). Europe.

R. corylifolius, *Sm.* Europe.

R. crataegifolius, *Bunge.* North-east Asia and Japan.

R. deliciosus, *James*; Bot. Mag. t. 6062. Rocky Mountains.

R. dumetorum, *Weihe & Nees.* Europe.

R. dumnoniensis, *Bab.* Britain (Devonshire).

R. echinatus, *Lindl.* Europe.
R. rudis, *Bab.* (not *Weihe & Nees*).

R. erythrinus, *Genev.* Europe.

R. exsecatus, *Muell.* Europe.

R. glandulosus, *Bell.* Europe.

R. hispidus, *L.* North America.

R. horridus, *Schultz.* Europe.
R. dumetorum, *var.* ferox, *Weihe & Nees.*

R. hystrix, *Weihe & Nees.* Europe.

R. Idaeus, *L.* Europe, West Asia.
Var. **Leesii,** *Bab.* South-west Britain.

R. imbricatus, *Hort.* Britain.

R. laciniatus, *Willd.*; Journal of Horticulture, December 20, 1883, p. 533, f. 105. Garden origin.

R. lasiostylus, *Focke*; Hook. Ic. Pl. t. 1951. China.

R. leucodermis, *Dougl.* North-west America.

R. leucostachys, *Sm.* Europe.

R. lindleyanus, *Lees.* Britain.

R. longithyrsiger, *Lees.* Britain.
R. pyramidalis, *Bab.*

R. macrophyllus, *Weihe & Nees.* Europe.

R. micans, *Gren. & Godr.* Europe.
R. adscitus, *Genev.*

R. mucronatus, *Blox.* Britain.

R. mutabilis, *Genev.* Europe.

R. nobilis, *Regel.* (R. odoratus × Idaeus). Garden origin.
R. nepalensis, *Hort.*

nutkanus, *Moç.*; Bot. Mag. t. 3543. North America.

occidentalis, *L.*; *Loud.* Arb. et Frut., vol. ii., p. 736, f. 151. North-west America.

odoratus, *L.*; Bot. Mag. t. 323. North America.

R. opacus, *Focke*. Europe.

R. Purchasi, *Blox*. Britain.

R. parvifolius, *L*. China and Japan.
R. chinensis, *Thunb*.
R. purpureus, *Bunge*.
R. triphyllus, *Thunb*.

R. phoenicolasius, *Maxim*.; Bot. Mag. t. 6479. China and Japan.

R. pubescens, *Auct. Angl*. Britain.

R. ramosus, *Blox*. Britain.

R. rhamnifolius, *Weihe & Nees*. Europe.

R. rhenanus, *Muell*. Europe.

R. spectabilis, *Pursh*; Bot. Reg. t. 1424. North America.

R. spectabilis × Idaeus. Garden Hybrid.

R. silvaticus, *Weihe & Nees*. Europe.

R. sorbifolius, *Maxim*. China, &c.

R. Sprengelii, *Weihe & Nees*. Europe.

R. suberectus, *Anders*. Europe.

R. strigosus, *Michx*. North America.

R. thyrsiger, *Bab*. Britain.

R. thyrsoideus, *Wimm*. Europe.
Var. **flore pleno**.
R. rosaeflorus coronarius, *Hort*.
R. fruticosus albus, *Hort*.

R. trivialis, *Michx*. North America.

R. ulmifolius, *Schott*. Europe.
R. discolor, *Bab*. (not *Weihe & Nees*).
R. rusticanus, *Merc*.
Var. **flore pleno**.
R. bellidiflorus, *C. Koch*.

Var. **inermis.**

Var. **leucocarpus.**
R. fruticosus, *L. var.* leucocarpus, *Ser.*

R. ursinus, *Cham. & Schlecht.* North America.

R. villosus, *Ait.* North America.

R. villicaulis, *Weihe & Nees.* Europe.

Purshia tridentata, *DC.*; Bot. Reg. t. 1446. North-west America.

Chamaebatia foliolosa, *Benth.*; Bot. Mag. t. 5171. California.

Cercocarpus parvifolius, *Nutt.* California.

Dryas octopetala, *L.*; *Syme*, Eng. Bot., vol. iii., p. 459. Arctic and Alpine regions of North Temperate Zone.

Var. **Drummondi,** *Watson.* North America.
D. Drummondi, *Hook.*; Bot. Mag. t. 2972.

Fallugia paradoxa, *Endl.*; Bot. Mag. t. 6660. California, &c.
F. mexicana, *Walp.*
Sieversia paradoxa, *Don.*

Potentilla fruticosa, *L.*; *Syme*, Eng. Bot., vol. iii., p. 436. Northern Hemisphere.
P. floribunda, *Pursh.*

P. davurica, *Nestl.* China, &c.
P. glabra, *Lodd.*, Bot. Cab. t. 914.
P. fruticosa *var.* davurica, *Lehm.*

P. salesoviana, *Steph.*; Bot. Mag. t. 7258. Siberia, &c.
Comarum Salessowii, *Bunge.*

Margyricarpus setosus, *Ruiz & Pav.* Chili, &c.

Rosa acicularis, *Lindl.* Monogr. t. 8. Siberia, &c.

R. agrestis, *Savi.* Europe, &c.
R. sepium, *Thuill.*

Var. **belgradensis,** *Nichols.*
R. belgradensis, *Panç.*

Var. **inodora** (*Fries.*).
R. inodora, *Fries.*

[redacted]

R. alba, *L.* (? canina × gallica). Europe, &c.
Var. **suaveolens**, *Dieck*; Gartenflora, 1889, p. 128.

R. alpina, *L.* Europe.
R. inermis, *Mill.*
R. pendulina, *L.*
Var. **pyrenaica**, *Gouan*; Bot. Mag. t. 6724.

R. anemonæflora, *Fortune.* China.

R. arkansana, *Porter.* United States.

R. Banksiae, *R. Br.* China.
Var. **flore pleno.**

R. beggeriana, *Schrenk*; Linn. Soc. Journ., vol. xix., t. 7. Asia.
Var. **nigrescens.**
Var. **Schrenki.**

R. blanda, *Ait.* North America.
R. fraxinifolia, *Borck.*
R. lucida, *Hort.* (not *Ehrh.*).
Var. **setigera.**

R. bracteata, *Wendl.*; Bot. Mag. t. 1377. China.
Var. **flore pleno.**
R. alba odorata, *Hort.*

R. byzantina, *Dieck.* Eastern Europe, &c.

R. californica, *Cham. & Schlecht.* Western North America.
Var. **ultramontana.**

R. canina, *L.* North Temperate Zone.
Var. **andegavensis**, *Baker.*
Var. **arvatica**, *Baker.*
Var. **Bakeri** (*Déségl.*).
Var. **corifolia**, *Baker.*
Var. **dumetorum** (*Thuill.*).
Var. **lutetiana**, *Baker.*
Var. **pruinosa**, *Baker.*
Var. **tomentella**, *Baker.*

R. carolina, *L.* North America.
R. corymbosa, *Ehrh.*
R. hudsonica, *Red.*
R. pennsylvanica, *Michx.*

R. centifolia, *Miller*; *Redouté*, Les Roses, t. 1. Orient.
Var. **flore pleno.**
Var. **muscosa.**
Var. **parvifolia**, *Ehrh.*
R. burgundica, *Rossig*; *Redouté*, Les Roses, t. 133.
R. pomponiana, *Hort.*
R. remensis, *Desf.*

R. cinnamomea, *L.* North Temperate Zone.
Var. **flore pleno.**
Var. **sibirica.**

R. damascena, *Miller.* East Europe, Orient.
Var. **versicolor**, *Hort.*
R. Rosa-mundi, *Hort.*

R. Engelmannii, *Wats.*; Garden and Forest, 1889, vol. ii., p. 371, t. 121. Western North America.

R. fedtschenkoana, *Regel.* Central Asia.

R. Fendlerii, *Crép.* New Mexico.

R. ferruginea, *Vill.* Mountains of Europe.
R. pyrenaica, *Hort.* (not *Gouan*).
R. romana, *Hort.*
R. rubrifolia, *Vill.*; Bot. Reg. t. 430.

R. foliolosa, *Nutt.*; Garden and Forest, 1890, vol. iii. t. 101. North America.

R. fortuneana, *Lindl.* in Lindl. & Paxt. Fl. Gard. t. 171. China. (R. Banksiæ × R. laevigata).

R. gallica, *L.* South Europe.
Var. **provincialis** (*Miller*).
Var. **trigintipetala**, *Dieck* Gard. Chron., ser. iii., 1890, vol. vii., p. 45, f. 8.

R. gigantea, *Crép*; Gard. Chron. ser. iii., 1889, vol. vi., p. 13, f. 4. Burmah.

R. Hardii, *Cels*; Gard. Chron., ser. ii., 1885, vol. xxiv., p. 468, f. 101. (R. simplicifolia × involucrata).

R. hemisphærica, *Herrm.* Persia and Asia Minor.
R. glaucophylla, *Ehrh.*
R. Rapinii, *Boiss.*
R. sulphurea, *Ait.*

R. hibernica, *Sm.* England and Ireland.
Var. **glabra,** *Baker.*
Var. **Grovesii,** *Baker.*

R. hispida, *Sims* in Bot. Mag. t. 1570. Garden origin.
R. lutescens, *Pursh.*

R. humilis, *Marsh.* North America.
R. parviflora, *Ehrh.*
R. microcarpa, *Hort.*

R. hybrida, *Schleich* (R. gallica × arvensis). Europe.

R. incarnata, *Miller*; Bot. Mag. t. 7035. France.

R. indica, *Lindl.* China.
Var. **diversifolia** (*Vent.*).
R. bengalensis, *Pers.*
R. semperflorens, *Curt.*
Var. **minima,** *Curt.*
R. lawrenceana, *Sweet.*
Var. **monstrosa.**
R. sempervirens monstrosa, *Hort.*

R. involucrata, *Roxb.*; Bot. Reg. t. 739. India.
R. clinophylla, *Thory.*
R. Lyellii, *Lindl.*
R. palustris, *Hamilt.*

R. involuta, *Sm.* Europe.
Var. **Sabini,** *Baker.*
Var. **Wilsoni,** *Baker.*

R. laevigata, *Michx.* China.
R. Camellia, *Hort.*
R. camelliaefolia, *Hort.*
R. cherokeensis, *Donn.*
R. hystrix, *Lindl.*
R. nivea, *DC.*
R. sinica, *Murr.*; Bot. Mag. t. 2847.
R. ternata, *Poir.*
R. triphylla, *Roxb.*

R. laxa, *Retz.* Siberia.

R. leschenaultiana, *Thory & Red.* India.

R. lucida, *Ehrh.* North America.
R. baltica, *Roth.*
Var. flore pleno.
R. Rapa, *Bosc.*

R. lutea, *Miller*; Bot. Mag. t. 363. Orient.
R. chlorophylla, *Ehrh.*
R. Eglanteria, *L.*
R. foetida, *Allioni.*
Var. bicolor, Bot. Mag. t. 1077.
R. punicea, *Miller.*
Var. flore pleno.
Var. Harrisoni.

R. macrophylla, *Lindl.* in Monogr. t. 6. India.

R. micrantha, *Sm.* Europe.
Var. Briggsi, *Baker.* South of England.

R. microphylla, *Roxb.*; Bot. Mag. t. 6548. China.
R. chlorocarpa, *Reg.*
Var. flore pleno.

R. mollis, *Sm.* Europe.
R. mollissima, *Fries.*
R. villosa, *L.* (in part).

R. moschata, *Herrm.* South Europe to India.
R. Brownii, *Spreng.*
R. Brunonii, *Lindl.*; Bot. Mag. t. 4030.
R. Brunonis, *Wall.*
R. Dupontii, *Déségl.*

R. multiflora, *Thunb.* China and Japan.
R. polyantha, *Sieb.*
R. simplex, *Hort.*

Var. **flore pleno.**

R. nitida, *Willd.* North America.

R. noisettiana, *Red.* (indica × moschata). Garden origin.

R. nutkana, *Presl.*; Garden and Forest, 1888, vol. ii., p. 449. North America.

R. phœnicea, *Boiss.* Orient.

R. pisocarpa, *A. Gray*; Bot. Mag. t. 6857. Western North America.
R. pisiformis, *Hort.*

R. pomifera, *Herrm.*; Gard. Chron., ser. ii., 1886, vol. xxv., p. 237, f. 45. Europe.
R. macrocarpa, *Hort.*

R. repens, *Scop.* Europe.
R. arvensis, *Huds.*

Var. **Andersoni**, *Hort.*

Var. **capreolata**, *Hort.*

Var. **flore pleno**, *Hort.*

Var. **variegata**, *Hort.*

R. rubella, *Sm.* (spinosissima × alpina). Europe.

R rubiginosa, *L.* Europe.
R. Eglanteria, *Miller* (not *L.*).
R. suaveolens, *Pursh.*

R. rugosa, *Thunb.* Japan.
R. ferox, *Lawr.*
R. regeliana, *André.*

Var. **alba**, Garden, May 13, 1876.

Var. **flore pleno.**

Var. **glabriuscula.**

R. rugosa × General Jacqueminot.

R. sempervirens, *L.* South Europe, &c.
R. longicuspis, *Bert.*
R. prostrata, *DC.*
R. scandens, *Mill.*

R. sericea, *Lindl.* Monogr. t. 12. India.

R. setigera, *Michx.* North America.
R. rubifolia, *R. Br.*

R. simplicifolia, *Salisb.*; Gard. Chron., ser. iii., 1885, vol. xxiv., f. 100. Orient.
R. berberifolia, *Pall.*; Bot. Mag. t. 7096.
R. persica, *Otto Kunze.*
Hultheimia berberifolia, *Dum.*
Lowea berberifolia, *Lindl.*

R. spinosissima, *L.* Europe and Siberia.
R. pimpinellifolia, *L.*
R. scotica, *Mill.*

Var. **altaica.**
R. altaica, *Willd.*
R. grandiflora, *Lindl.* in Bot. Reg. t. 888.
R. cistiflora, *Hort.*

Var. **fulgens,** *Hort.*

Var. **myriacantha.**
R. myriacantha, *DC.*

Var. **penicillata,** *Hort.*

Var. **picta,** *Hort.*

Var. **venulosa,** *Hort.*

R. stylosa, Desv. *var.* evanida, *Christ.* South England.

R. tomentosa, *Sm.* Europe.

Var. **scabriuscula,** *Baker.*

Var. **sylvestris,** *Lindl.*

Var. **woodsiana,** *Groves.*

R. watsoniana, *Crép.*; Garden and Forest, 1890, vol. iv., p. 477. Japan.

R. webbiana, *Wall.* Himalaya.

R. wichuriana, *Crép.*; Garden and Forest, 1891, vol. v., p. 569. China and Japan.

R. xanthina, *Lindl.* Persia, Afghanistan, &c.
R. Ecæ, *Aitch. & Hemsl.*, Journ. Linn. Soc. vol. xix. t. 8.
R. platyacantha, *Schrenk.*

† Pyrophorum.

Pyrus auricularis, *Knoop* (P. Aria × communis). Europe.
P. bollwylleriana, *DC.*
P. irregularis, *Moench.*
P. Pollveria, *L.*; *Lodd.* Cab. t. 1009.
P. pollvilleriana, *Poorph.*
P. pollwylleriana, *Dcne.*
P. tomentosa, *Moench.*
Lazarolus Pollverii, *Med.*

Pyrus Balansae, *Dcne.*; Jard. Fruit. du Muséum, t. vi. Persia.

P. betulæfolia, *Bunge*; Jard. Fruit. du Muséum, t. xx. China and Japan.

P. canescens, *Spach*; Jard. Fruit. du Muséum, t. xix. Origin uncertain.

P. communis, *L.* Europe, Asia.
Var. **cotinifolia.**
Var. **fascicularis.**
Var. **flore pleno.**
Var. **jaspidea.**
Var. **pendula.**

P. cordata, *Desv.*; Jard. Fruit. du Muséum, t. iii. Europe, &c.
P. boissieriana, *Buhse.*
P. communis *var.* azarolifera, *Durieu.*
P. communis *var.* Briggsii, *Boswell.*

P. heterophylla, *Rgl. & Schmal.*; Gard. Chron., ser. iii., 1890, vol. vii., p. 115. Asia.

P. longipes, *Coss. & Durieu*; Jard. Fruit. du Muséum, t. iv. Algeria.

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P. Michauxi, *Bosc.*; Jard. Fruit. du Muséum, t. 16. Asia?
P. persica, *Hort.* (not of *Pers.*).
P. praecox, *Hort.*

P. malifolia, *Spach.*; Jard. Fruit du. Muséum, t. xxxii. Hybrid Origin.

P. nivalis, *Jacq.*; Jard. Fruit. du Muséum, t. xxi. Levant, &c.
P. salvifolia, *DC.*; Bot. Reg. t. 1482.

Var. **variegata.**

P. parviflora, *Desf.* South Europe, &c.
P. amygdaliformis, *Vill.*
P. cuneifolia, *Guss.*
P. eriopleura, *Rchb.*
P. nivalis, *Lindl.* in Bot. Reg. t. 1484 (not of *Jacquin*).
P. oblongifolia, *Spach.*
P. salicifolia, *Hort.*

P. Pashia, *Buch. Ham.*; Jard. Fruit. du Muséum, t. vii. India.
P. nepalensis, *Hort.*
P. variolosa, *Wall.*

P. salicifolia, *L.*; Jard. Fruit. du Muséum, t. xii. Levant.
P. orientalis, *Hort.*

P. Simonii, *Carr.* China.

P. sinaica, *Thouin*; Jard. Fruit. du Muséum, t. xv. Asia Minor.

P. sinensis, *Lindl.*; Bot. Reg. t. 1248. China.
P. chinensis, *Roxb.*
P. communis *var.* sinensis, *K. Koch.*
P. ussuriensis, *Maxim.*

†† Malus.

P. baccata, *L.*; Bot. Mag. t. 6112. Himalaya, &c. to Japan.
P. tartarica, *Hort.*
Malus baccata, *Desf.*
M. cerasifera, *Spach.*
M. rossica, *Med.*

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Var. **aurantiaca**, *Regel.*

Var. **conocarpa**, *Regel.*

Var. **edulis.**

Var. **genuina**, *Regel.*

Var. **lutea.**

Var. **microcarpa.**

Var. **obconoidea.**

Var. **praecox**, *Regel.*

Var. **striata.**

Var. **xanthocarpa.**

P. coronaria, *L.*; Bot. Mag. t. 2009. Eastern United States.
Crataegus coronaria, *Salisb.*
Malus coronaria, *Mill.*
M. microcarpa *var.* coronaria, *Carr.* in Rev. Hort. 1884, f. 24.

P. floribunda, *Nichols.* Japan.
Malus floribunda, *Sieb.*, Garden, October 14, 1876.
M. microcarpa *var.* floribunda, *Carr.*
Pyrus Toringo × baccata, *Dieck.*

Var. **citrifolia polypetala**, *Hort.*

Var. **flore pleno.**
Pyrus halleana, *Hort.*
P. Parkmanni, *Hort.*

P. Malus, *L.* Europe, &c.
Malus communis, *Lam.*
M. sylvestris, *Mill.*

Var. **coccinea.**

Var. **flexilis.**

Var. **mitis**, *Wallr.*

Var. **monstrosa.**

Var. **nervosa.**

Var. **pendula.**

Var. **rosea.**

P. orthocarpa, *Nichols.* Japan.
Malus edulis, *Hort.*
M. orthocarpa, *Lavall.*

P. prunifolia, *Willd.*; Bot. Mag. t. 6158. Siberia, &c.
Malus hybrida, *Desf.*
M. prunifolia, *Spach.*

Var. **cerasiformis.**

Var. **chlorocarpa.**

Var. **flore pleno.**

Var. **fructu coccineo.**

Var. **fructu dulcis.**

Var. **fructu striato.**

Var. **intermedia**, *Regel.*

Var. **pendula.**

Var. **xanthocarpa.**

P. Ringo, *Maxim.* Japan.
Malus microcarpa *var.* Ringo, *Carr.*
M. Ringo, *Sieb.*

Var. **fastigiata bifera**, *Hort.*

Var. **sublobata**, *Zabel.*

P. rivularis, *Dougl.; Sargent*, Sylva of North America, vol. iv., p. 77, t. 170. North America.
Pyrus diversifolia, *Bong.*
P. fusca, *Rafin.*
P. subcordata, *Ledeb.*
Malus diversifolia, *Roem.*
M. rivularis, *Roem.*
M. subcordata, *Roem.*

P. sikkimensis, *Hook. fil.* India.
Pyrus baccata indica, *Hort.*

P. spectabilis, *Ait.*; Bot. Mag. t. 267. China and Japan.
Pyrus japonica floribunda, *Hort.*
Malus chinensis, *Hort.*
M. sinensis, *Dum.*
M. spectabilis, *Desf.*

Var. **flore albo.**

Var. **flore pleno.**

Var. **Kaido.**
P. spectabilis × Ringo.
Pyrus *pyramidalis* grandiflora, *Hort.*

P. Toringo, *Sieb.* Japan.
Pyrus Malus Toringo, *Hort.*
P. Sieboldi, *Regel.*
Malus microcarpa *var.* Toringo, *Carr.*
M. rivularis, *Dougl. var.* Toringo, *Dieck.*
M. spectabilis *var.* Toringo, *Lavall.*
Sorbus Toringo, *Sieb.*

P. Toringo × spectabilis flore pleno.
P. Tenorei carnea plena, *Hort.*

††† Aria.

Pyrus alpina, *Willd.* (P. arbutifolia × P. Aria). Garden Origin.
Aronia densiflora, *Spach.*

P. Aria, *L.* North Temperate Zone.
P. badensis, *Hort.*
P. meridionalis, *Guss.*
P. odorata, *Hort.*
Aria nivea, *Host.*
Azarolus Aria, *Borkh.*
Mespilus Aria, *Scop.*
Pirenia Aria, *Clairv.*

Var. **angustifolia**, *Lindl.*

Var. **flabolliformis.**
Pyrus edulis, *Wats.*, Dendr. Brit., vol. i., t. 52 (not of *Willd.*)
Crataegus Aria, *var.* flabelliformis, *Spach.*
C. corymbosa, *Desf.*
Sorbus Aria rotundifolia, *Hort.*
S. corymbosa, *Lodd.*
S. flabellata, *Hort.*

Var. **graeca**, *Boiss.*
Pyrus Aria, *Sibth.* Fl. Graeca, t. 474.
Sorbus graeca, *Lodd.*
S. nivea, *Hort.* (not of *Host*).

Var. **lutescens.**
Sorbus Aria lutescens, *Hort.*

Var. **salicifolia**, *Hort.*
Pyrus Aria longifolia, *Hort.*
P. Sorbus argentea, *Hort.*
Sorbus argentea, *Hort.*

Var. **sulphurea.**
Sorbus Aria, *Crantz.*
S. sulphurea, *Hort.*

Var. **undulata**, *Lindl.*

P. Chamæmespilus, *L.* Alps of Europe.
Aria Chamæmespilus, *Host.*
Aronia Chamæmespilus, *Pers.*
Crataegus Chamæmespilus, *Jacq.*
Mespilus Chamæmespilus, *L.*
Sorbus Chamæmespilus, *Crantz.*

P. cratægifolia, *Targ.* North Italy.
Cormus florentina, *Dcne.*
Crataegus florentina, *Zuccagni.*
Sorbus florentina, *Nym.*

P. decaisneana, *Nichols.* Origin unknown.
Aria decaisneana, *Lavall.* Arb. Segrez. t. xviii.

P. intermedia, *Ehrh.* Europe.
P. scandica, *Bab.*
P. sorbifolia, *Hort.*
P. Sorbus corymbiflora, *Hort.*
P. suecica, *Gcke.*
Aria scandica, *Dcne.*
Sorbus Mougeoti, *Godr.*
S. quercifolia, *Hort.*
S. scandica, *Fries.*

P. lanata, *Don.* Himalaya.
Sorbus majestica, *Hort.*

P. pinnatifida, *Ehrh.*; Gard. Chron., ser. ii. 1883, vol. xx., p. 493. Europe.
Pyrus Aria *var.* fennica, *Hook. fil.*
P. fennica, *Bab.*
Sorbus fennica, *Kalm.*
S. hybrida, *L.*
S. sambucifolia, *Hort.* (not of *Cham.*).

P. rotundifolia, *Bechst.* Europe.
P. Aria-torminalis, *Irm.*
P. atrovirens, *Hort.*
P. decipiens, *Bechst.*
P. latifolia, *Syme.*
P. semilobata, *Bechst.*
Aria latifolia, *Spach.*
Crataegus dentata, *Thuill.*
C. hybrida, *Bechst.*
C. latifolia, *Lam.*
Sorbus atrovirens, *Hort.*
S. latifolia, *Pers.*
S. torminali-hybrida, *Godr.*

P. Torminalis, *DC.* Europe.
Crataegus Torminalis, *L.*
Sorbus Torminalis, *Crantz.*
Torminaria Clusii, *Roem.*
T. vulgaris, *Schur.*

P. trilobata, *DC.* Syria.
Cormus trilobata, *Dcne.*
Crataegus trilobata, *Labill.*
Sorbus trilobata, *Boiss.*

P. vestita, *Wall.* India.
P. Aria nepalensis, *Hort.*
P. crenata, *Lindl.* in Bot. Reg. t. 1655 (not of *Don*).
P. nepalensis, *Hort.*
P. Thomsoni, *Hort.* (not of *King*).
Aria dentata, *Hort.*
A. lanata, *Dcne.*
Sorbus magnifica, *Hort.*
S. nepalensis, *Hort.*
S. vestita, *Lodd.*

†††† SORBUS.

Pyrus americana, *DC.*; *Sargent*, Sylva of North America, vol. iv., tt. 171–2. North America.
Pyrus Sorbus polonica, *Hort.*
Sorbus americana, *Marsh.*
S. Aucuparia *var.* americana, *Pers.*
S. humifusa, *Rafin.*

[redacted]

Var. **microcarpa**, *Torr. & Gray.*
Pyrus microcarpa, *Spreng.*
Sorbus americana *var.* microcarpa, *Wenzig.*
S. microcarpa, *Pursh.*
S. riparia, *Rafin.*

Var. **nana.**

Pyrus Aucuparia, *Gaertn.* Northern Hemisphere.
Aucuparia sylvestris, *Med.*
Mespilus Aucuparia, *All.*
Pirenia Aucuparia, *Clairv.*
Sorbus Aucuparia, *L.*

Var. **fastigiata.**

Var. **fructu luteo.**

Var. **Hodginsii.**

Var. **pendula.**

Var. **satureifolia**, *Hort.*

P. lanuginosa, *DC.* Eastern Europe.
Pyrus hybrida lanuginosa, *Hort.*
Sorbus lanuginosa, *Kit.*

P. microphylla, *Wall.* Himalaya.

P. Sorbus, *Gaertn.* Europe.
Pyrus domestica, *Sm.*; Gard. Chron., ser. ii., 1876, vol. vi., p. 649, f. 125.
P. serrulata, *Hort.*
Cormus domestica, *Spach.*
Mespilus domestica, *All.*
Sorbus domestica, *L.*

Var. **maliformis**, *Lodd.*

Var. **pyriformis**, *Lodd.*

P. spuria, *DC.* Hybrid origin.
Pyrus hybrida, *Moench.*
Amelanchier pinnata, *Hort.*
Aronia sorbifolia, *Spach.*
Cratægus sorbifolia, *Desf.*
Mespilus sorbifolia, *Poir.*
Sorbus heterophylla, *K. Koch.*
S. spuria, *Pers.*

Var. **pendula.**

P. thianschanica, *Regel* in Gartenflora 1891, p. 8. Eastern Asia.
Sorbus thianschanica, *Rupr.*

††††† ADENORACHIS.

Pyrus arbutifolia, *L. fil.* North America.
Aronia pirifolia, *Pers.*
Azarolus arbutifolia, *Borkh.*
Sorbus arbutifolia, *K. Koch.*

P. nigra, *Sargent* in Garden and Forest, 1890, vol. iii. p. 416. North America.

†††††† CYDONIA.

Pyrus cathayensis, *Hemsl.* China.
Pyrus sinensis, *Poir.*
Cydonia sinensis, *Thouin*; *Lindl.* in Bot. Reg. t. 905.

P. Cydonia, *L.* Native Country unknown.
Cydonia lusitanica, *Mill.*
C. vulgaris, *Pers.*
Sorbus Cydonia, *Crantz.*

P. japonica, *Thunb.*; Bot. Mag. t. 692. China and Japan.
Chænomeles japonica, *Lindl.*
Cydonia japonica, *Pers.*
C. lagenaria, *Loisel.*
C. speciosa, *Sweet.*
Malus japonica, *Andr.* Bot. Rep. t. 462.

Var. **candicans.**

Var. **luteo-viridis.**

Var. **Moerloesi.**

Var. **nivalis.**

Var. **sulphurea perfecta.**

Var. **versicolor lutescens.**

P. Maulei, *Mast.*; Bot. Mag. t. 6780. Japan.
Chænomeles alpina, *Koehne.*
C. Maulei, *Lavall.*
Pseudo-chænomeles Maulei, *Carr.*

††††††† Mespilus.

Pyrus germanica, *Hook. fil.* Europe, Asia.
Mespilus domestica, *Gater.*
M. germanica, *L.*
M. vulgaris, *Reichb.*

P. lobata, *Nichols.* Caucasus?
Cratægus grandiflora, *K. Koch.*
C. lobata, *Bosc.*
Mespilus grandiflora, *Sm.*
M. lobata, *Poir.*
M. Smithii, *DC.*

Cratægus ambigua, *Becker.* Russia.

C. Azarolus, *L.* Orient, &c.
Cratægus Aronia, *Lindl.* in Bot. Reg. t. 1897.
C. fissa, *Bosc.*
C. pontica, *K. Koch.*
C. triloba, *Pers.*
Mespilus Azarolus, *Poir.*
M. Aronia, *Spach.*

C. Carrièrei, *Vauvel.* Garden origin.
Cratægus hybrida Carrièrei, *Hort.*
C. Lavalléi, *Herincq*; Arb. Segr. t. 7.
C. mexicana Carrièrei, *Hort.*
C. olivæformis, *Hort.*
Mespilus Carrièrei, *Hort.*

C. coccinea, *L.*; *Sargent*, Sylva of North America, t. 189.
Eastern United States.
Cratægus acerifolia, *Hort.*
C. glandulosa *var.* rotundifolia, *Regel.*
C. rotundifolia, *Hort.*
Anthomeles rotundifolia, *Roem.*
Halmia flabellata, *Roem.*
Mespilus coccinea, *Marsh.*
M. flabellata, *Spach.*
M. odorata, *Wendl.*
M. rotundifolia, *Ehrh.*
Phaenopyrum coccineum, *Roem.*
P. Wendlandii, *Roem.*

Var. **indentata**, *Lodd.*

Var. **macracantha**, *Dudley*; *Sargent*, Sylva of North America, t. 181.

Cratægus glandulosa, *Willd.* (not *Aiton*), Bot. Cab. t. 1012.

C. glandulosa *var.* macracantha, *Lindl.* in Bot. Reg. t. 1917.

C. macracantha, *Lodd.*

Mespilus glandulosa, *Willd.*

Var. **maxima.**

C. **cordata**, *Ait.*; Bot. Reg. t. 1151. North America.

Cratægus acerifolia, *Moench.*

C. flexispina, *Hort.*

C. populifolia, *Walt.*

Mespilus acerifolia, *Burgsd.*

M. cordata, *K. Koch.*

C. **crenulata**, *Roxb.*; Bot. Reg. 1844, t. 52. Himalaya.

Cratægus Pyracantha *var.* crenulata.

Mespilus crenulata, *Don.*

Pyracantha crenulata, *Roem.*

C. **Crus-galli**, *L.*; *Sargent*, Sylva of North America, t. 178. North America.

Cratægus germanica, *Hort.*

C. lucida, *Miller.*

C. watsoniana, *Roem.*

Mespilus cuneifolia, *Moench.*

M. lucida, *Ehrh.*

M. watsoniana, *Spach.*

Var. **arbutifolia**, *Hort.*

Var. **fontanesiana**, *Wenzig.*

Cratægus bosciana, *Roem.*

Mespilus bosciana, *Spach.*

M. fontanesiana, *Spach.*

Var. **linearis**, *DC.*

Cratægus linearifolia, *Hort.*

C. linearis, *Pers.*

C. stipulacea microphylla, *Hort.*

Mespilus linearis, *Desf.*

M. lucida *var.* angustifolia, *Ehrh.*

Var. **ovalifolia**, *Lindl.* in Bot. Reg. t. 1860.
Cratægus ovalifolia, *DC.*
Mespilus elliptica, *Guimpel.*
M. ovalifolia, *Hornem.*
M. prunellifolia, *Poir.*

Var. **prunifolia**, *Torr. & Gray.*
Cratægus caroliniana, *Lodd.*
C. ingestria, *Lodd.*
C. prunifolia, *Lindl.* in Bot. Reg. t. 1868.
Mespilus prunifolia, *Poir.*

Var. **pruinosa.**

Var. **pyracanthifolia**, *Ait.*
Cratægus coursetiana, *Roem.*
C. Crus-galli *var.* salicifolia, *Ait.*
C. nana, *DC.*
C. salicifolia, *Hort.*
Mespilus Crus-galli *var.* salicifolia, *Hayne.*
M. nana, *Dum.*
M. salicifolia, *K. Koch.*

Var. **splendens**, *Lodd.*
Cratægus splendens, *Hort.*
Mespilus badiata, *Bosc.*

C. **cuneata**, *Sieb. & Zucc.*; Arbor. Segrez. t. v. Japan.
Cratægus alnifolia, *Hort.* (not of *Sieb. & Zucc.*).
C. spathulata, *Hort.* (not *Michx.*).
Mespilus cuneata, *K. Koch.*

C. **Douglasii**, *Lindl.* in Bot. Reg. t. 1810. Western North America.
Cratægus punctata *var.* brevispina, *Dougl.*
C. rivularis, *Brewer & Watson* (not *Nuttall*).
C. sanguinea, *Nutt.*
C. sanguinea *var.* Douglasii, *Torr. & Gray.*
Anthomeles Douglasii, *Roem.*

Var. **rivularis**, *Sargent*, Sylva of North America, t. 176.
Cratægus macnabiana, *Hort.*
C. rivularis, *Nuttall.*
Mespilus rivularis, *Wenzig.*

C. flava, *Ait.*; *Sargent*, Sylva of North America, t. 189. South-eastern United States.
Cratægus caroliniana, *Pers.* (not *Lodd.*).
C. flava *var.* lobata, *Lindl.* in Bot. Reg. t. 1932.
C. glandulosa, *Ait.* (not *Willd.*).
C. lobata, *DC.*
C. turbinata, *Pursh.*
Anthomeles flava, *Roem.*
A. glandulosa, *Roem.*
A. turbinata, *Roem.*
Mespilus caroliniana, *Poir.*
M. flava, *Willd.*
M. flexispina, *Koch* (not *Moench.*).
M. turbinata, *Spreng.*
Phaenopyrum carolinianum, *Roem.*

C. Heldreichii, *Boiss.* Greece.

C. heterophylla, *Flügge*; Bot. Reg. t. 1161 and 1847. Orient.
Cratægus Azarolus *var.* heterophylla, *Regel.*
C. monogyna *var.* heterophylla, *Hort.*
C. multiflora, *Hort.*
C. Oxyacantha *var.* heterophylla, *Hort.*
Mespilus Aronia, *Wats.* (not *Willd.*) Dendr. Brit. t. 165.
M. constantinopolitana, *Hort.*
M. heterophylla, *K. Koch.*

C. hiemalis, *Lange.* Origin unknown.

C. Korolkowii, *Hort.* Central Asia.

C. melanocarpa, *Bieb.* Caucasus, &c.
Cratægus lambertiana, *Hort.*
C. monogyna *var.* nigra, *Pall.*
C. oliveriana, *Bosc.*
C. Oxyacantha *var.* oliveriana, *Lindl.* in Bot. Reg. t. 1933.
C. Pallasii, *Griseb.*
C. platyphylla, *Lindl.* in Bot. Reg. t. 1874.

C. mexicana, *Moç. & Sess.*; Bot. Reg. t. 1910. Mexico.
Mespilus mexicana, *K. Koch.*

C. mollis, *Scheele*; *Sargent*, Sylva of North America, t. 182. United States.
Cratægus coccinea *var.* mollis, *Torr. & Gray.*

C. coccinea glandulosa, *Hort.*
C. coccinea Kelmanni, *Hort.*
C. mespilifolia, *Hort.*
C. subvillosa, *Torr.*
C. texana, *Buckley.*
C. tomentosa, *Emers.* (not *L.*).
C. tomentosa *var.* mollis, *Gray.*
C. urasina, *Hort.*
Mespilus coccinea, *Schmidt* (not *L.*).
M. coccinea *var.* pubescens, *Tausch.*
M. pubescens, *Wendl.* (not *Humb. & Bonpl.*)
M. tiliæfolia, *K. Koch.*
Phænopyrum subvillosum, *Roem.*

C. nigra, *Waldst. & Kit.*; *Lodd.* Bot. Cab. t. 1021. Eastern Europe.
Cratægus carpathica, *Lodd.*
C. versicolor, *Rochel.*
Mespilus nigra, *Willd.*
Phænopyrum nigrum, *Roem.*

C. orientalis, *Pall.*; Bot. Reg. t. 1852. Orient.
Cratægus flabellata, *Heldr.*
C. odorata, *Bosc.*
C. odoratissima, *Lindl.* in Bot. Reg. t. 1885.
C. sanguinea, *Schrad.* (not *Pallas*).
C. schraderiana, *Ledeb.*
C. Tournefortii, *Griseb.*
Mespilus Aronia, *Willd.*

C. Oxyacantha, *L.* Europe, North Africa, West Asia.

Sub species, Cratægus **monogyna**, *Jacq.*
Cratægus triloba, *Pers.*
Mespilus monogyna, *Willd.*
M. Oxyacantha, *DC.*
M. triloba, *Poir.*

Var. **aurea**, *Loud.*
Cratægus flava, *Hort.*

Var **crispa pendula**, *Hort.*

Var. **eriocarpa**, *Hort.*

Var. **flexuosa**, *Loud.*
Cratægus tortuosa, *Hort.*

Var. **foliis argenteis**, *Hort.*
Cratægus Oxyacantha **variegata**, *Hort.*

Var. **foliis aureis**, *Lodd.*
Cratægus Oxyacantha lutescens, *Hort.*

Var. **fusca**, *Hort.*

Var. **fuscata**, *Hort.*

Var. **granatensis.**

Var. **Gumperi versicolor**, *Hort.*

Var. **horrida**, *Hort.*
Cratægus spinosissima, *Hort.* (not *Lodd.*).

Var. **laciniata**, *Loud.*
Cratægus apiifolia, *Hort.*
C. dissecta, *Hort.*
C. fissa, *Bosc.*
C. laciniata, *Lodd.*

Var. **macrocarpa.**
Cratægus **macrocarpa**, *Hegetsch.*

Var. **oxyphylla.**

Var. **pendula.** *Lodd.*

Var. **pinnatiloba.**

Var. **praecox**, *Hort.*

Var. **pteridifolia**, *Loud.*
Cratægus pectinata, *Hort.*
C. pterifolia, *Lodd.*

Var. **quercifolia**, *Hort.*

Var. **ramulis aureis.**

Var. **Reginæ**, *Hort.*

Var. **rubrinervis.**

Var. **salisburifolia.**

Var. **semperflorens**, *Carr.*
Cratægus Bruantii, *Hort.*

Var. **sesteriana**, *Hort.*

Var. **sibirica**, *Loud.*
Cratægus sibirica, *Lodd.*

Var. **stricta**, *Lodd.*
Cratægus fastigiata, *Hort.*
C. Oxyacantha *var.* rigida, *Ronalds.*

Var. **Zaboon**, *Hort.*

Sub species, oxyacanthoides (*Thuill.*) ; Bot. Reg. t. 1128.
Cratægus Oxyacantha glomerata, *Hort.*
C. obtusata, *DC.*
Mespilus Oxyacantha, *K. Koch.*

Var. **atrofusca**, *Hort.*

Var. **flore pleno albo**, Fl. des Serres, vol. xv., t. 1509 (2).

Var. **flore pleno coccineo**, Ill. Hort. t. 536.

Var. **flore pleno puniceo.**

Var. **flore pleno roseo.**

Var. **flore pleno rubro**, Fl. des Serres, vol. xv., t. 1509 (3).

Var. **flore puniceo**, Fl. des Serres, vol. xv., t. 1509 (1).

Var. **incisa**, *Hort.*

C. pentagyna, *Kit.* Eastern Europe.
Cratægus platyphylla, *Lindl.*
Mespilus pentagyna, *K. Koch.*

C. pinnatifida, *Bunge.* China, &c.
Cratægus Oxyacantha *var.* pinnatifida, *Regel.*
Mespilus pinnatifida, *K. Koch.*

Var. **major**, *N.E.Br.*; Gard. Chron., ser. ii., 1886, vol. xxvi., p. 621, f. 121.
Cratægus californica, *Hort.*
C. chinensis, *Hort.*
C. Layi, *Gord.*
C. tartarica, *Hort.*

C. punctata, *Jacq.*; *Sargent*, Sylva of North America, t. 184.
East and North America.
Cratægus latifolia, *DC.*
C. lobata, *Hort. Par.*
C. Loddigesii, *Hort. Segr.*
C. obovatifolia, *Roem.*
C. tomentosa *var.* punctata, *Gray.*
Halmia cornifolia, *Roem.*
H. punctata, *Roem.*
Mespilus cuneifolia, *Ehrh.*
M. cuneiformis, *Marsh.*
M. punctata, *Loisel.*
M. *pyrifolia*, *Desf.* (not *Willd.*).

Var. **xanthocarpa**, *Jacq.*; Arb. Segrez. t. 16.
Cratægus aurea, *Hort.*
Mespilus cornifolia, *Poir.*

C. **Pyracantha**, *Pers.* South Europe, &c.
Cotoneaster Pyracantha, *Spach.*
Mespilus Pyracantha, *L.*
Pyracantha coccinea, *Roem.*

Var. **Lalandi** *Hort.*

C. **sanguinea**, *Pall.* Siberia, &c.
Cratægus purpurea, *Loud.*
C. purpurea *var.* altaica, *Hort.*
C. spinosissima, *Lodd.* Bot. Cab. t. 1100.
Mespilus sanguinea, *K. Koch.*

Var. **songorica**.

C. **sinaica**, *Boiss.* Orient.
Cratægus Aronia, *Dcne.*
C. maroccana, *Lindl.* in Bot. Reg. t. 1855.

C. **sorbifolia**, *Lange.* Origin unknown.

C. **spathulata**, *Michx.*; *Sargent*, Sylva of North America, t. 185. Southern United States.
Cotoneaster spathulata, *Wenzig.*
Cratægus microcarpa, *Lindl.* in Bot. Reg. t. 1846.
C. virginica, *Hort.*
Mespilus spathulata, *Poir.*
Phaenopyrum spathulatum, *Roem.*

C. **tanacetifolia**, *Pers.*; Bot. Reg. t. 1884. Orient.
Mespilus tanacetifolia, *K. Koch.*

C. **tomentosa**, *L.*; *Sargent*, Sylva of North America, t. 183. Eastern United States, &c.
Cratægus Downingii, *Hort.*
C. elliptica, *Hort.*
C. latifolia, *Pers.*
C. leucophloeos, *Moench.*
C. lobata, *DC.*
C. pyrifolia, *Ait.* (not *Desf.*).
C. tomentosa *var.* pyrifolia, *Gray.*
Halmia lobata, *Roem.*
H. tomentosa, *Roem.*

Mespilus Calpodendron, *Ehrh.*
M. latifolia, *Poir.*
M. lobata, *Poir.*
M. pyrifolia, *Willd.*
M. tomentosa, *Castigl.*

C. uniflora, *Muench.*; *Sargent,* Sylva of North America, t. 191.
Southern United States.
Cratægus aemula, *Hort. Paris.*
C. betulæfolia, *Lodd.*
C. flexuosa, *DC.*
C. florida, *Lodd.*
C. grossulariæfolia, *Lodd.*
C. parvifolia, *Adans.*
C. Pinshow, *Hort.*
C. unilateralis, *Pers.*
Mespilus axillaris, *Pers.*
M. flexispina, *Muench.*
M. flexuosa, *Poir.*
M. parvifolia, *Willd.*
M. uniflora, *Wenzig.*
M. xanthocarpa, *L. fil.*
Phaenopyrum parvifolium, *Roem.*
P. uniflorum, *Roem.*

C. viridis, *L.*; *Sargent,* Sylva of North America, t. 187.
Southern United States.
Cratægus apiifolia, *Loud.* (not *Michx.*).
C. arborescens, *Elliott.*
C. trilobata, *Hort.*
Phaenopyrum arborescens, *Roem.*

Cotoneaster acuminata, *Lindl.* Himalaya.
Cotoneaster royleana, *Hort.*
Mespilus acuminata, *Lodd.* Bot. Cab. t. 919.

C. affinis, *Lindl.* Himalaya.
Cotoneaster rosea, *Edgw.*
Mespilus affinis, *Don.*

C. bacillaris, *Wall.* Himalaya.
Cotoneaster lævis, *Hort.*
C. obtusa, *Wall.*
Var. **floribunda** *Hort.*

C. buxifolia, *Wall.*; Refug. Bot., vol. i., t. 52. Himalaya.
Cotoneaster hookeriana, *Hort.*
C. marginata, *Hort.*
C. repens, *Hort.*
C. uniflora, *Hort.* (not *Bunge*).
C. Wheeleri, *Hort.*

C. disticha, *Lange.* Himalaya.

C. frigida, *Wall.*; Bot. Reg. t. 1229. Himalaya.
Cotoneaster affinis, *Hort.* (not *Lindl.*).
C. himalayensis, *Hort.*

C. horizontalis, *Dcne.*; Rev. Hort. 1889, p. 348. Himalaya.
Cotoneaster davidiana, *Hort.*

C. integerrima, *Medic.* Mountains of Europe, &c.
Cotoneaster melanocarpa, *Bl.*
C. villosa, *Hort.*
C. vulgaris, *Lindl.*
Cratægus Cotoneaster, *Borkh.*
Mespilus Cotoneaster, *L.*
M. melanocarpa, *Fisch.*

C. lanata, *Regel.* in Gartenflora, vol. ix., t. 59. Himalaya.

C. laxiflora, *Jacq.*; Bot. Reg. t. 1305; Bot. Mag. t. 3519. Siberia.

C. lucida, *Schlecht.* Origin unknown.
Cotoneaster sinensis, *Hort.*

C. microphylla, *Wall.*; Bot. Reg. t. 1114. Himalaya.
Var. **glacialis**, *Hook. fil.*
Cotoneaster congesta, *Baker* in Refug. Bot., vol. i., t. 51.

C. multiflora, *Bunge.* China.
Cotoneaster reflexa, *Carr.*
C. vulgaris *var.* glabrata.

C. Nummularia, *Fisch. & Mey.* Europe, Asia.
Cotoneaster Fontanesii, *Spach.*
C. racemiflora, *K. Koch.*
Mespilus racemiflora, *Desf.*

C. pannosa, *Franch.* Yunnan.

C. rotundifolia, *Wall.*; Refug. Bot., vol. i., t. 54. **Himalaya.**
Cotoneaster microphylla *var.* Uva-ursi, *Lindl.*

Var. **prostrata**, *Baker* in Refug. Bot., vol. i., t. 53.

C. Simonsii, *Baker* in Refug. Bot., vol. i., t. 55. **Himalaya.**
Cotoneaster acutifolia, *Turcz.*
C. himalaiensis, *Hort.*
C. montana, *Hort.*
C. nepalensis, *Hort.*
C. nevadensis, *Hort.*

C. thymifolia, *Baker* in Refug. Bot., vol. i., t. 50. **Himalaya.**

C. tomentosa, *Lindl.* Alps, &c.
Cotoneaster eriocarpa, *Hort.*
Mespilus coccinea, *Waldst. & Kit.*
M. eriocarpa, *DC.*
M. tomentosa, *Mill.*

C. uniflora, *Bunge.* Siberia, &c.
Cotoneaster Uva-ursi. *Pall.*

Pourthiaea arguta, *Dcne.* Himalaya.

Photinia benthamiana, *Hance.* China.

P. serrulata, *Lindl.* China.
Cratægus glabra, *Thunb.*; Bot. Mag. t. 2105.
C. serratifolia, *Desf.*
Photinia dentata, *Hort.*
P. glabra, *Franch.* (not *Maxim.*).

P. variabilis, *Hemsl.* China and Japan.
P. laevis, *DC.*
P. villosa, *DC.*
Cratægus lævis, *Thunb.*
C. villosa, *Thunb.*
Pourthiæa arguta, *Hort.* (not *Dcne.*).
P. villosa, *Dcne.*

Eriobotrya japonica, *Lindl.* China and Japan.
Mespilus japonica, *Thunb.*; Bot. Reg. t. 365.
Photinia japonica, *Franch. & Sav.*

Raphiolepis japonica, *Sieb. & Zucc.* Japan.
R. integerrima, *Hort.*
R. japonica, *Sieb. & Zucc., var.* integerrima, *Hook.*; Bot. Mag. t. 5510.
R. Mertensii, *Sieb. & Zucc.*
R. ovata, *Hort.*
Mespilus Seiboldi, *Blume.*

Stranvæsia glaucescens, *Lindl.* in Bot. Reg. t. 1956. Himalaya.

Amelanchier alnifolia, *Nutt.*; Garden and Forest, 1888, vol. i., p. 185. North-western America.
Amelanchier canadensis *var.* alnifolia, *Torr. & Gray.*
A. canadensis *var.* florida, *Hort.*
A. canadensis *var.* florida parvifolia, *Hort.*
A. canadensis *var.* pumila, *Torr. & Gray.*
A. florida, *Lindl.* in Bot. Reg. t. 1589.
A. japonica, *Hort.* (not *Miquel*).
A. montana, *Hort.*
A. ovalis *var.* semi-integrifolia, *Hook.*
A. parvifolia, *Hort.*
Aronia alnifolia, *Nutt.*

A. canadensis, *Torr. & Gray.* North America.
Amelanchier asiatica, *Hort.*
A. Botryapium, *Lindl.*
A. canadensis *var.* sanguinea, *DC.*
A. canadensis *var.* spicata, *Lam.*
A. lancifolia, *Hort.*
A. ovalis, *Medic.*
A. sanguinea, *Lindl.* in Bot. Reg. t. 1171.
A. spicata, *K. Koch.*
A. stricta, *Hort.*
Aronia Botryapium, *Pers.*
A. sanguinea, *Nutt.*
Cratægus racemosa, *Lam.*
C. spicata, *Lam.*
Mespilus arborea, *Michx.*
M. canadensis, *L.*
M. nivea, *Marsh.*
Pyrus Botryapium, *L. fil.*
P. sanguinea, *Pursh.*

A. oligocarpa, *Roem.*; Garden and Forest, 1888, vol. i., p. 245, f. 41. Northern United States.

A. vulgaris, *Moench.*; Gard. Chron., ser. iii., 1890, vol. vii., p. 621, f. 104. Europe, &c.
Amelanchier rotundifolia, *Dcne.*
Aronia Amelanchier, *Rchb.*
A. rotundifolia, *Pers.*
Cratægus Amelanchier, *Desf.*
C. rotundifolia, *Lam.*
Mespilus Amelanchier, *L.*
Pyrus Amelanchier, *Willd.*
Sorbus Amelanchier, *Crantz.*

Var. **cretica**, *Boiss.* Asia Minor, &c.
Amelanchier cretica, *K. Koch.*
A. suborbicularis, *Borkh.*
Aronia cretica, *Pers.*
Cratægus cretica, *Desf.*
Pyrus cretica, *Willd.*

Peraphyllum ramosissimum, *Nutt.* Oregon, &c.

Saxifrageæ.

Hydrangea altissima, *Wall.* Himalaya.

H. arborescens, *L.*; Bot. Mag. t. 437. Eastern United States.
H. cordata, *Pursh*; *Wats.* Dendr. Brit., vol. i., t. 42.
H. frutescens, *Marsh.*
H. urticæfolia, *Hort.*
H. vulgaris, *Michx.*

H. Hortensia, *DC.* China and Japan.
Hydrangea japonica, *Sieb.*
H. mutabilis, *Hort.*
H. opuloides, *Lam.*
Hortensia mutabilis, *Hort.*
H. rosea, *Desf.*
H. speciosa, *Pers.*

Var. **acuminata**, *A. Gray.*
H. acuminata, *Sieb. & Zucc.*; Rev. Hort. 1874, t. 91.
H. Buergeri, *Sieb. & Zucc.*

Var. **Lindleyi.**
H. hortensis roseo-alba.
H. japonica *var.* coerulescens, *Regel.*
H. japonica *var.* Lindleyi.
H. japonica *var.* roseo-alba, *Regel.*
H. roseo-alba, Fl. des Serres, tt. 1649–50.

Var. **nigra.**
Hortensia nigra, *Carr.* in Rev. Hort. 1880, p. 180.
Hydrangea cyanoclada, *Hort.*
H. mandschurica nova, *Hort.*
H. ramis pictis, *Hort.*

Var. **stellata,** *Maxim.*
H. stellata, *Sieb. & Zucc.*

Var. **variegata.**
H. japonica variegata, *Regel.*

H. involucrata, *Sieb. & Zucc.* in Fl. Jap., tt. 63, 64. Japan.

H. paniculata, *Sieb. & Zucc.* in Fl. Jap., t. 61. Japan.

Var. **hortensis,** *Maxim.*
H. paniculata *var.* floribunda, *Regel,* Gartenflora 1867, t. 530.
H. paniculata grandiflora, *Hort.*

H. petiolaris, *Sieb. & Zucc.*; Bot. Mag. t. 6788. Japan.
H. bracteata, *Sieb. & Zucc.*
H. cordifolia, *Sieb. & Zucc.*
H. scandens, *Maxim.*
Schizophragma hydrangeoides, *Hort.* (not *Sieb. & Zucc.*).

H. pubescens, *Dcne.*; Gard. Chron., ser. ii., 1884, vol. xxii., p. 617, t. 107. Japan, &c.
Hydrangea vestita *var.* pubescens, *Maxim.*

H. quercifolia, *Bartr.*; Bot. Mag. t. 975. Southern United States.

H. radiata, *Walt.* South-eastern United States.
Hydrangea discolor, *Rafin.*
H. nivea, *Michx.*; *Wats.* Dendr. Brit., vol. i., t. 43.

Var. **canescens,** *Nichols.*
H. canescens, *K. Koch.*
Hydrangea glauca, *Hort.*
H. sinensis, *Hort.*

H. Thunbergi, *Sieb.*; Fl. Jap. t. 58. Japan.
Hydrangea cyanea, *Hort.*

H. vestita, *Wall.* Himalaya.

Schizophragma hydrangeoides, *Sieb. & Zucc.*; Fl. Jap. t. 26. Japan.

Deutzia corymbosa, *R. Br.* Himalaya.

D. crenata, *Sieb. & Zucc.*, Fl. Jap., vol. i., p. 19, t. 6. Japan.
Deutzia californica, *Hort.*
D. Fortunei, *Hort.*
D. scabra, *Lindl.*; Bot. Reg. t. 1718 (not *Thunb.*).
D. scabra *var.* crenata, *Maxim.*
D. sieboldiana, *Hort.* (not *Maxim.*).
D. Watereri, *Hort.*

Var. flore pleno extus purpurea.

Var. punctata.

D. discolor, *Hemsl.* China.

D. gracilis, *Sieb. & Zucc.*; Flore des Serres, vol. vi., p. 611. Japan.

D. parviflora, *Bunge*; Garden and Forest, 1888, vol. i., p. 365. China.

D. scabra, *Thunb.* China and Japan.

D. staminea, *R. Br.*; Bot. Reg. p. 33, t. 13. Himalaya.
D. brunoniana, *Wall.*
D. canescens, *Hort.*
D. corymbosa, *Lindl.*; Bot. Reg. p. 26, t. 5.

Decumaria barbara, *L.* Southern United States.
D. Forsythia, *Michx.*
D. radicans, *Moench.*
D. sarmentosa, *Bosc.*
D. scandens, *Salisb.*
Forsythia scandens, *Wall.*

Philadelphus acuminatus, *Lange* in Bot. Tidsskrift, ser. iii., vol. ii., p. 131, t. 2. Origin uncertain.

P. cordifolius, *Lange* in Botanisk Tidsskrift, ser. iii., vol. ii., t. 3. Origin uncertain.

P. coronarius, *L.* **Asia.**
P. triflorus, *Hort.*

Var. **flore pleno.**

Var. **foliis argenteo-variegatis.**

Var. **foliis aureis.**

Var. **nanus**, *Mill.*

Var. **Satsumi**, *Maxim.*

Var. **tomentosus**, *Hook. fil. & Thoms.* **Himalaya to China.**
Philadelphus tomentosus, *Wall.*

P. Falconeri, *Hort.* Origin uncertain.

gordonianus, *Lindl.* in Bot. Reg., vol. xxv., t. 32. Western United States.

P. grandiflorus, *Willd.* Southern United States.
Philadelphus columbiensis, *Hort.*
P. inodorus, *Michx.*
P. inodorus *var.* grandiflorus, *Gray.*
P. laxus, *Lodd.*
P. speciosus, *Schrad.*; Bot. Reg. t. 2003.
Deutzia sanguinea, *Hort.*

Var. **floribundus**, *Torr. & Gray.*
P. floribundus, *Schrad.*
P. grandiflorus, *Lindl.*; Bot. Reg. t. 570.
P. latifolius, *Schrad.*
P. verrucosus, *Schrad.*
P. Zeyheri, *Schrad.*

Var. **laxus**, *Torr. & Gray.*
P. humilis, *Hort.*
P. ignea, *Hort.*
P. laxus, *Schrad.*
P. pubescens, *Lodd.*

P. hirsutus, *Nutt.*; Bot. Mag. t. 5334. **Oregon.**
Philadelphus Godohokeri, *Hort.*
P. gracilis, *Lodd.*
P. trinervius, *Schrad.*
P. villosus, *Lodd.*
Deutzia Godohokeri, *Hort.*

P. Lemoinei, *Hort.* P. microphyllus × coronarius; Garden and Forest, 1889, vol. ii., f. 154. Garden origin.

Var. **erectus.**

P. Lewisii, *Pursh.* Western North America.
Philadelphus thyrsiflorus, *Hort.*

Var. **californicus**, *Gray.* California.
P. coronarius nivalis, *Hort.*
P. nivalis, *Hort.*

P. mexicanus, *Schlecht.*; Gard. Chron., ser. ii., 1883, vol. xix., p. 753, f. 123. Mexico.

P. microphyllus, *Gray*; Gard. Chron., ser. iii., 1887, vol. ii., p. 156. Colorado, &c.

P. Satsumi, *Siebold*; *Paxt.* Fl. Gard., vol. ii., t. 188. Japan, &c.
Philadelphus japonicus, *Hort.*
P. Ledebourii, *Hort.*
P. pulchella, *Hort.*
P. Roylei, *Hort.*
P. Schrenckii, *Rupr.*
P. speciosus, *Hort.*
P. Yokohama, *Sieb.*
Deutzia japonica, *Hort.*
D. pulchella, *Hort.*

P. undulatus, *Hort.*

Platycrater arguta, *Sieb. & Zucc.* Fl. Jap. vol. i., t. 27. Japan.

Jamesia americana, *Torr. & Gray*; Bot. Mag. t. 6142. Rocky Mountains.

Fendlera rupicola, *Gray*; Garden and Forest, 1889, vol. ii., f. 98. South-west United States.

Carpentaria californica, *Torrey*; Bot. Mag. t. 6911. California.

Escallonia exoniensis, *Hort.* Garden origin.

E. illinita, *Presl.*; Bot. Reg. t. 1900. Chili.

E. littoralis, *Phil.* Chili.

E. macrantha, *Hook. & Arn.*; Bot. Mag. t. 4473. Chiloe.
E. bicolor, *Hort.*
E. Ingrami, *Hort.*
E. rubra Ingrami, *Hort.*

E. montana, *Phil.* Chili.

E. montevidensis, *DC.*; Bot. Reg. t. 1467. Montevideo, &c.
E. floribunda *var.* montevidensis, *Cham. & Schlecht.*

E. philippiana, *Masters* in Gard. Chron., ser. ii., 1878, vol. x., p. 109, f. 13. Valdivia.

E. pterocladon, *Hook.*; Bot. Mag. t. 4827. Western Patagonia.

E. punctata, *DC.* Chili.
E. rubra *var.* punctata, *Hook. fil.* in Bot. Mag. t. 6599.
E. sanguinea, *Hort.*

E. revoluta, *Pers.*; Bot. Mag. t. 6949. Chili.
E. affinis, *Ruprecht.*

E. rubra, *Pers.*; Bot. Mag. t. 2890. Chili.

E. viscosa, *Forbes.* Chili.

Itea virginica, *L.*; Bot. Mag. t. 2409. Eastern United States.

Weinmannia trichosperma, *Cav.* Chili.

Ribes alpinum, *L.*; *Lodd.*, Bot. Cab. t. 1846. Northern Hemisphere.
Ribes grossulariæfolium, *Rchb.*
R. opulifolium, *Hort.*

Var. **foliis aureis,** *Hort.*

Var. **pumilum,** *Lindl.*

Var. **sterile,** *Wallr.*
R. dioicum, *Moench.*

R. americanum, *Mill.* North America.
Ribes campanulatum, *Moench.*
R. floridum, *L'Herit.*
R. missouriense, *Hort.* (not *Nuttall*).
R. pennsylvanicum, *Lam.*
R. recurvatum, *Michx.*
Coreosma florida, *Spach.*

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R. aureum, *Pursh*; Bot. Reg. t. 125. Western North America.
Ribes fragrans, *Lodd.* Bot. Cab. t. 1533.
R. palmatum, *Desf.*
R. utahense, *Hort.*
Chrysobotrya revoluta, *Spach.*

Var. **aurantiacum minus**, *Hort.*

Var. **præcox**, *Lindl.*

Var. **serotinum**, *Lindl.*

Var. **tenuiflorum**, *Torr.*
R. tenuiflorum, *Lindl.* Bot. Reg. t. 1274.

R. bracteosum, *Dougl.* Western North America.

R. cereum, *Dougl.*; Bot. Mag. t. 3008. Western United States, &c.
R. inebrians, *Lindl.*; Bot. Reg. t. 1471.
R. Kunthii, *Hort.*
R. mexicanum, *Hort.*
R. reniforme, *Nutt.*

R. Cynosbati, *L.*; *Loud.* Arb., vol. ii., p. 970, f. 719. Eastern United States.
R. gracile, *Torrey.*
Grossularia Cynosbati, *Spach.*

R. diacantha, *Pall.* Siberia, &c.
Grossularia diacantha, *Mill.*

R. divaricatum, *Dougl.*; Bot. Reg. t. 1359. Western North America.
R. triflorum, *Hook.*
R. villosum, *Nutt.* (not *Gay*).

R. fasciculatum, *Sieb. & Zucc.* Japan, &c.

R. gordonianum, *Lem.* (R. sanguineum × aureum); Fl. des Serres, vol. ii., p. 165. Garden origin.
R. Beatoni, *Hort.*
R. loudonianum, *Hort.*

R. Grossularia, *L.* Northern Hemisphere.
R. alpestre, *Wall.*
R. Uva-crispa, *DC.*

R. grossularioides, *Maxim.* China and Japan.
R. macrocalyx, *Hance.*

R. himalayense, *Dcne.* (not *Royle*). Himalaya.

R. lacustre, *Poir.*; Bot. Mag. t. 6492. North America.
R. echinatum, *Dougl.*

R. laxiflorum, *Pursh.* Western United States.
R. affine, *Dougl.*

R. multiflorum, *Waldst. & Kit.*; Bot. Mag. t. 2368. South-east Europe.
R. album multiflorum, *Hort.*
R. urceolatum, *Tausch.*
R. vitifolium, *Host.*

R. nigrum, *L.*; *Syme,* Engl. Bot. t. 523. North Europe and North Asia.

Var. **altaicum.**
R. Dikuscha, *Fisch.*

Var. **dissectum.**

Var. **laciniatum.**
R. aconitifolium, *Hort.*

Var. **reticulatum aureum.**

Var. **variegatum.**

R. oxycanthoides, *L.*; Bot. Mag. t. 6892. North America.
R. hirtellum, *Michx.*
R. irriguum, *Dougl.*
R. saxosum, *Hook.*
R. setosum, *Lindl.*

R. petræum, *Wulf.* Europe, &c.
R. atropurpureum, *C. A. Meyer.*
R. Biebersteinii, *Berl.*
R. carpaticum, *Kit.*
R. caucasicum, *Bieb.*
R. macrobotrys, *Hort.*
R. prostratum ringens, *Hort.*
R. ringens, *Hort.*
R. triste, *Bunge.*

R. prostratum, *L'Herit.* North America.
R. glandulosum, *Ait.*
R. hudsonianum, *Rich.*
R. trifidum, *Michx.*

R. punctatum, *Ruiz & Pav.*; Bot. Reg. t. 1658. Chili.

R. robustum, *Hort.* Origin unknown.

R. rotundifolium, *Michx.* Eastern United States.
R. gracile, *Pursh* (not *Michx.*).
R. triflorum, *Willd.*

R. rubrum, *L.*; *Syme,* Eng. Bot. t. 520. Northern Hemisphere.

Var. **album,** *Desf.*

Var. **foliis luteo-variegatis.**

Var. **Schlechtendalii.**

R. Schlechtendalii, *Lange* in Flora Danica t. 2892. North Europe.

R. sanguineum, *Pursh*; Bot. Mag. t. 3335. California, &c.

Var. **albidum,** *Paxton.*

Var. **atrorubens.**

Var. **atrosanguineum.**

Var. **carneum,** *Hort.*
R. carneum grandiflorum, *Hort.*

Var. **epruinosum,** *K. Koch.*

Var. **flore pleno.**

Var. **glutinosum,** *Gray.*
R. glutinosum, *Benth.*

Var. **intermedium,** *Hort.*

Var. **malvaceum,** *Wats.*
R. malvaceum, *Sm.*; *Sweet,* British Flower Garden, ser. ii., t. 340.

R. speciosum, *Pursh*; Bot. Mag. t. 3530. California.
R. fuchsioides, *Moç. et Sessé.*
R. stamineum, *Sm.*
Robsonia speciosa, *Spach.*

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R. stenocarpum, *Maxim.* China.

R. valdivianum, *Phil.* Chili.

R. villosum, *Gay.* Chili.
R. Bridgesii, *Hort.*
R. Lavallei, *Hort.*

Hamamelideæ.

Parrotia jacquemontiana, *Dcne.* Kashmir.

P. persica, *C. A. Meyer*; Bot. Mag. t. 5744. Persia.
Hamamelis persica, *DC.*

Fothergilla Gardeni, *Murr.* South-eastern United States.
Fothergilla alnifolia, *L. fil.*; Bot. Mag. tt. 1341, 1342.

Distylium racemosum, *Sieb. & Zucc.* Flor. Jap. t. 94. Japan.

Corylopsis himalayana, *Griff.*; Bot. Mag. t. 6779. Himalaya.

C. pauciflora, *Sieb. & Zucc.* Fl. Jap., vol. i., t. 20. Japan.

C. spicata, *Sieb. & Zucc.*; Bot. Mag. t. 5458. Japan.

Hamamelis arborea, *Masters* in Gard. Chron., ser. ii., 1881, vol. xv., p. 205, f. 38. Japan.
H. japonica, *Hook. fil.*; Bot. Mag. t. 6659.

H. japonica, *Sieb. & Zucc.* Japan.
Var. **zuccariniana.**
H. zuccariniana, *Hort.*

H. virginica, *L.*; Bot. Mag. t. 6684. Eastern North America.

Loropetalum chinense, *R. Br.*; Gard. Chron., ser. ii., 1883, vol. xix., p. 152, f. 23. China, &c.

Liquidambar formosana, *Hance*; *Hook.*, Icon. Plant. t. 1020. China and Japan.
L. acerifolia, *Maxim.*
L. Maximowiczii, *Miq.*

L. orientalis, *Mill.*; *Hook.*, Icon. Plant. t. 1019. Asia Minor.
L. imberbe, *Ait.*

L. styraciflua, *L.*; *Sargent*, Sylva of North America t. 199. United States.

Myrtaceæ.

Eucalyptus coccifera, *Hook. fil.*; Bot. Mag. t. 4637. Tasmania.

E. Gunnii, *Hook. fil.*; Flora Tasmaniæ t. 27. Tasmania.

E. urnigera, *Hook. fil.*; Gard. Chron., ser. iii., 1888, vol. iii., p. 460, f. 64. Tasmania.

Myrtus communis, *L.* Mediterranean Region.

M. Ugni, *Molina.* Chili.
Eugenia Ugni, *Hook. & Arn.*; Bot. Mag. t. 4626.

Lythrarieæ.

Punica Granatum, *L.*; Bot. Mag. t. 1832. Persia, &c.
Var. **nana.**
Punica nana, *L.*; Bot. Mag. t. 634.

Onagrarieæ.

Zauschneria californica, *Presl*; Bot. Mag. t. 4493. California.

Fuchsia corallina, *Hort.* Garden origin.
F. exoniensis, *Hort.*

F. globosa, *Lindl.* in Bot. Reg. t. 1556. Mexico.

F. macrostemma, *Ruiz & Pav.* South America.
F. coccinea, Bot. Mag. t. 97 (not of *Aiton*).
F. gracilis, *Lindl.*
F. magellanica, *Lam.*
F. virgata, *Sweet.*

F. Riccartoni, *Hort.* Garden origin.

Passifloreæ.

Passiflora cœrulea, *L.*; Bot. Mag. t. 28. Southern Brazil.

Umbelliferæ.

Bupleurum fruticosum, *L.*; *Wats.*, Dendr. Brit., vol. i., t. 14. Mediterranean Region.

Araliaceæ.

Aralia chinensis, *L.*, *var.* elata, *Dippel.* China, &c.
A. mandschurica, *Rupr. & Maxim.*
Dimorphanthus elatus, *Miq.*
D. mandschuricus, *Maxim.*

Var. **canescens.**

A. spinosa, *L.*; *Sargent*, Sylva of North America, t. 211. Eastern United States.

Acanthopanax ricinifolium, *Seem.* China and Japan.
Aralia Maximowiczii, *Van Houtte*, Fl. des Serres, vol. xx., p. 39, t. 2067.
A. ricinifolia, *Hort.*
Kalopanax ricinifolium, *Miq.*
Panax ricinifolium, *Sieb. & Zucc.*

A. spinosum, *Miq.* China and Japan.
Aralia pentaphylla, *Thunb.*
Panax spinosum, *L.*

Fatsia horrida, *Benth. & Hook.* North-west America and North-east Asia.
Echinopanax horridus, *Dcne. & Planch.*
Oplopanax horridum, *Miq.*
Panax horridum, *Sm.*

F. japonica, *Dcne. & Planch.*; Gartenflora, 1863, t. 420. Japan.
Aralia Sieboldii, *Sieb.*

Helwingia japonica, *Dietr.*; *Sieb. & Zucc.* Fl. Jap., vol. i., t. 86. Japan.

Eleutherococcus senticosus, *Maxim.*; Gartenflora, 1863, t. 393. China.

Heptapleurum impressum, *C. B. Clarke*. **Himalaya.**
Agalma tomentosa, *Seem.*

Hedera Helix, *L.*; Europe, N. Africa, N. Asia.

Var. **algeriensis.**
H. viridis, *Hort.*

Var. **algeriensis variegata.**

Var. **amurensis.**
H. acuta.

Var. **angularis**, *Hibberd.*

Var. **angularis foliis aureis.**

Var. **arborescens.**

Var. **arborescens foliis argenteis marginatis.**

Var. **arborescens foliis aureis.**

Var. **atropurpurea.**

Var. **aurantiaca**, *André* in Rev. Hort. 1884, p. 84 (coloured plate).

Var. **aurea elegantissima.**

Var. **aureola.**

Var. **azorica**, *Hort.*; Gard. Mag. October 15, 1887, f.

Var. **azorica variegata.**

Var. **baccifera major.**

Var. **cænwoodiana.**

Var. **canariensis.**
H. grandifolia.
H. hibernica.
H. vegeta.

Var. **canariensis arborescens.**

Var. **canariensis aureo-maculata.**

Var. **canariensis foliis argenteis.**

Var. **Cavendishi.**
H. marginata elegans.
H. marginata minor.

Var. **chrysocarpa.**
H. baccifera lutea.

Var. **chrysomela.**

Var. **chrysophylla,** *Hibberd.*
H. digitata aurea.
H. palmata aurea.

Var. **cinerea.**
H. himalaica.

Var. **conglomerata.**

Var. **contracta.**

Var. **crenata.**
H. digitata nova.
H. vitifolia.

Var. **cuspidata minor.**

Var. **deltoidea.**
H. rhomboidea obovata.

Var. **dentata.**

Var. **digitata.**
H. palmata.
H. pennsylvanica.

Var. **discolor.**
H. minor marmorata.

Var. **donerailensis.**

Var. **farleyensis.**

Var. **flavescens**

Var. **gigantea.**

Var. **gracilis.**

Var. **heidelbergensis.**

Var. **heterophylla,** *Hibberd.*

Var. **intermedia.**

Var. **lacteola.**

Var. **latimaculata.**

Var. **lobata major.**

Var. **lucida.**
H. [illegible]

Var. **macrodonta.**

Var. **maculata.**
H. latifolia maculata.

Var. **maderensis variegata.**

Var. **marginata major.**
H. marginata argentea.
H. marginata elegantissima.
H. marginata pulchella.

Var. **marginata media.**

Var. **marginata purpurea.**

Var. **marginata rubra.**
H. elegantissima.

Var. **marmorata elegans.**

Var. **minima,** *Hibberd.*

Var. **minor.**

Var. **minor variegata.**

Var. **netleyensis.**

Var. **nigra.**
H. willsiana.

Var. **ovata.**

Var. **rhombea** (*Sieb. & Zucc.*).
H. japonica variegata.
H. submarginata, *Hibberd.*

Var. **roegneriana,** *Hort.*
H. caucasica, *Hort.*
H. colchica, *K. Koch.*
H. cordifolia.
H. coriacea.

Var. **roegneriana arborescens.**

Var. **sagittæfolia.**

Var. **spectabilis.**

Var. **spectabilis aurea.**

Var. **succinata.** *Hibberd*

Var. **sulphurea.** *Hibberd*
H. marginata [illegible]

Var. **taurica.**

Var. **tortuosa.**
H. Glymii.

Var. **triloba.**

Var. **venosa.**

Var. **walthamensis.**

Cornaceæ.

Marlea platanoides, *Sieb. & Zucc.* in Fl. Jap., vol. i., t. 86. China and Japan.

Cornus alba, *L.* North Asia.
C. tartarica, *Mill.*
Var. **sibirica.**
C. sibirica, *Lodd.*

Var. **sibirica variegata,** *Hort.*

Var. **Spaethii,** *Wittm.*
C. sibirica Spæthii, *Hort.*
C. Spaethii, *Hort.*

Var. **variegata,** *Hort.*

C. alternifolia, *L. fil.*; *Sargent,* Sylva of North America, t. 216. North America.
C. alterna, *Marsh.*

C. Amomum, *Mill.* North America.
C. asperifolia, *Hort.* (not *Michx.*).
C. citrina, *Hort.*
C. cœrulea, *Lam.*
C. cyanocarpa, *Moench.*
C. lanuginosa, *Michx.*
C. rubiginosa, *Ehrh.*
C. sericea, *L.*; *Loud.* Arb. et Frut., vol. ii., t. 1013, f. 766.

Var. **angustifolia.**

Var. **grandifolia.**

Var. **parvifolia.**

C. Baileyi, *Coulter & Evans*; Garden and Forest, 1890, vol. v., t. 3, p. 465, f. 58. North America.

C. candidissima, *Marsh.* North America.
C. albida, *Ehrh.*
C. fastigiata, *Michx.*
C. femina, *Dippel* (not *Miller*).
C. paniculata, *L'Herit.*
C. stricta, *Lam.*

C. capitata, *Wall.* North India to China.
Benthamia fragifera, *Lindl.*; Bot. Mag. t. 4641

C. circinata, *L'Herit*; *Loud.* Arb. et Frut., vol. ii., t. 1014, f. 767. North America.
C. rugosa, *Lam.*
C. tomentosula, *Michx.*
C. verrucosa, *Hort.*

C. florida, *L.*; *Sargent*, Sylva of North America, tt. 212, 213. Eastern North America.
Benthamia florida, *Spach.*

Var. **flore rubro.**

Var. **pendula.**

C. Kousa, *Buerg.*; Garden, February 25, 1893. Japan.
Benthamia japonica, *Sieb. & Zucc.* Fl. Jap., vol. i., t. 16.

C. macrophylla, *Wall.* North India to Japan.
C. brachypoda, *Fisch. & Mey.*
C. crispula, *Hance.*
C. religiana, *Hort.*
C. Thelicanis, *Lebas* in Rev. Hort. 1875, f. 64.
C. theleriana, *Hort.*

Var. **variegata.**

C. Mas, *L.* Europe &c.
C. mascula, *L.*; Bot. Mag. t. 2675.

Var. **aurea elegantissima**, *Hort.*

Var. **fructu violaceo.**

Var. **lanceolata.**

Var. **nana.**
C. pumila, *Hort.*

Var. **variegata.**

Var. **xanthocarpa.**

C. Nuttallii, *Audub.*; *Sargent*, Sylva of North America, tt. 214, 215. Western North America.

C. officinalis, *Sieb. & Zucc.* Fl. Jap. vol. i., t. 50. Japan.

C. pubescens, *Nutt.* Western North America.

C. sanguinea, *L.*; *Syme*, Eng., Bot. t. 635. Europe, North and Western Asia.

Var. **candidissima,** *Hort.*

Var. **viridissima,** *Dieck.*

Var. **variegata,** *Hort.*

C. stolonifera, *Michx.* North America.

Var. **Gouchaulti,** *Hort.*

Aucuba japonica, *Thunb.*; Bot. Mag. t. 1197. Japan.

Garrya elliptica, *Dougl.*; Bot. Reg. t. 1868. California.

Griselinia littoralis, *Raoul.* New Zealand.

G. lucida, *Forst.* New Zealand.

Var. **macrophylla,** *Hook. fil.*

Nyssa aquatica, *Marsh.*; *Sargent*, Sylva of North America, t. 220. South United States.

N. tomentosa, *Michx.*

N. uniflora, *Wangenh.*

N. sylvatica, *Marsh.*; *Sargent*, Sylva of North America, t. 217. North America.

N. multiflora, *Wangenh.*

INDEX

TO

ORDERS, GENERA, SPECIES, AND SYNONYMS.

NOTE.—The typography is the same as in the list, that is, the names adopted at Kew are printed in thick, those which are regarded as synonymous in ordinary, type. The abbreviation after each name indicates the author who first published it. As this indication is only of interest to anyone who wishes to trace the original description, it is, for the sake of simplicity, omitted on the permanent labels attached to the trees and shrubs in the living collections. One abbreviation needs a word of explanation: Hort. (= Hortorum) is attached to names which are current in gardens. They have no recognised authority, are usually of uncertain origin, or at the best have only been published in nurserymen's catalogues without distinctive characters by which the plants can be recognised; they are only cited for purposes of convenience.

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Ribes [illegible]. *Lindl.*, 231
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multiflorum. [illegible]
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oxyacanthoides. [illegible]
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recurvatum. [illegible]
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robustum. [illegible]
rotundifolium. [illegible]
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[illegible] *Hook.* [illegible]
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ERRATA.

p. 195, *delete* Cratægus fissa, *Bosc.*
p. 201, „ Cratægus lobata, *DC.*
p. 209, „ Cratægus lobata, *DC.*
p. 201, „ Cratægus platyphylla, *Lindl.*
p. 203, „ Cratægus triloba, *Pers.*
p. 211, „ Mespilus lobata, *Poir.*

ERRATA.

p. 195, *delete* Cratægus fissa, *Bosc.*
p. 201, „ Cratægus lobata, *DC.*
p. 209, „ Cratægus lobata, *DC.*
p. 201, „ Cratægus platyphylla, *Lamc*
p. 203, „ Cratægus trilobata, *Pers.*
p. 211, „ Mespilus lobata, *Pers.*

Botanic

ROYAL GARDENS, KEW, Eng.

HAND-LIST

OF

TREES AND SHRUBS GROWN IN ARBORETUM.

PART II.

AMOPETALÆ to MONOCOTYLEDONS.

LONDON:

SOLD AT THE ROYAL GARDENS, KEW.

PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

1896.

DICOTYLEDONS.

GAMOPETALÆ.

Caprifoliaceæ.

Sambucus canadensis, *L.; Bentl. & Trimen* Medicinal Plants, t. 138. North America.

S. glauca, *Nutt.; Sargent* Silva of North America, t. 222. Western United States.
S. californica, *C. Koch.*

S. mexicana, *Presl.* California, Arizona, &c.
S. velutina, *Dur.*
S. plantierensis, *Hort.*

S. nigra, *L.*; *Syme* Engl. Bot. t. 637. Europe, W. Asia, N. Africa.

Var. **foliis aureis.**

Var. **laciniata.**
S. cannabifolia linearis, *Hort.*
S. heterophylla dissecta, *Hort.*
S. laciniata, *Mill.*

Var. **linearis.**

Var. **monstrosa.**

Var. **pendula.**

Var. **pyramidalis.**

Var. **rotundifolia.**

Var. **variegata.**

Var. **virescens.**

S. racemosa, *L.*; Flora Danica t. 2951. Northern hemisphere.
S. sieboldianus, *Blume.*
S. Williamsii, *Hance.*

Var. **plumosa.**

u 92397. 1000.—9/96. Wt. 4356. A 2

Sambucus racemosa—*cont.*

Var. **pubescens**, *Dippel.*
S. pubens, *Michx.*
S. pubescens, *Pers.*

Var. **rosaeflora**, *Dippel.*
S. rosaeflora, *Carr.* Rev. Hort. 1869, 434, f.

Var. **serratifolia.**

Var. **spectabilis.**

Viburnum acerifolium, *L.*; *Wats.* Dendr. Brit. ii., t. 118, Northern United States.

V. burejaeticum, *Regel & Herd.*; Gartenflora, 1862, 407, t. 384. China.
V. burejanum, *Herd.*

V. cassinoides, *L.* Northern United States, &c.
V. nudum *var.* cassinoides, *Torr. & Gray.*
V. pyrifolium, *Pursh.*
V. squamatum, *Willd.*; *Wats.* Dendr. Brit. i., t. 24.

V. cotinifolium, *D. Don* ; Bot. Reg. t. 1650. Himalaya.
V. multratum, *C. Koch.*

V. dentatum, *L.*; *Wats.* Dendr. Brit. i., t. 25. North America.
V. acuminatum, *Hort.*
V. asiaticum, *Hort.*
V. montanum, *Lodd.*

Var. **variegatum.**

V. dilatatum, *Thunb.*; Bot. Mag. t. 6215. Japan.

V. erosum, *Thunb.*; Garden and Forest, 1896, 85, f. 9. Japan.
V. dilatatum *var.* formosanum, *Maxim.*

V. furcatum, *Blume.* China and Japan.
V. cordifolium, *Hook. f. & Thoms.*
V. lantanoides, *Miq.* (not *Michx.*).

V. hanceanum, *Maxim.* China.
V. tomentosum, *Hance* (not *Thunb.*).

Viburnum Lantana, *L.*; *Syme* Engl. Bot. t. 640. Europe, N. & W. Asia, N. Africa.
V. macrophyllum, *Hort.*
V. tomentosum, *Lam.* (not *Thunb.*).

Var. **foliis aureis variegatis.**

Var. **foliis punctatis.**

V. lantanoides, *Michx.*; Garden and Forest, 1889, 535, t. 141. North America.
V. alnifolium, *Marsh.*
V. grandifolium, *Sm.*
V. indicum, *Hort.*
V. Lantana *var.* canadensis, *Pers.*
V. Lantana *var.* grandifolium, *Ait.*
V. Lantana *var.* indicum, *Hort.*

V. Lentago, *L.*; *Sargent* Silva of North America, v., 96, t.t. 223, 224. North America.
V. acuminatum, *Hort.* (not *Wall.*).
V. nitidum, *Hort.*
V. pirifolium, *Hort.* (not *Poir.*).
V. prunifolium, *Hort.* (not *L.*).

V. macrocephalum, *Fortune*, Bot. Reg. 1847, t. 43 (sterile form). China.
V. Fortunei, *Hort. gall.*
V. Keteleeri, *Carr.* Rev. Hort., 1863, 270, f. 31 (fertile form).

V. molle, *Michx.*; Garden and Forest, 1891, 30, f. 8. North America.
V. mexicanum, *Hort. gall.*

V. nudum, *L.*; Bot. Mag. t. 2281. Eastern and Southern United States.
V. anglicum, *Hort.*
V. longifolium, *Hort.*
V. nitidum, *Hort.*

V. odoratissimum, *Ker*; Bot. Reg. t. 456. China.
V. Awafuki, *Hort.*
V. sinensis, *Zeyher.*

Viburnum Opulus, *L.*; *Syme* Engl. Bot. t. 639. Northern hemisphere.
V. americana, *Mill.*
V. edule, *Pursh.*
V. lobatum, *Lam.*
V. opuloides, *Muhl.*
V. Opulus var. americanum, *Ait.*
V. Opulus var. edule, *Michx.*
V. Oxycoccus, *Pursh.*

Var. **nanum.**

Var. **sterile.**

V. pauciflorum, *Pylaie*; Garden and Forest, 1890, 5. f. 1. North America.

V. phlebotrichum, *Sieb. & Zucc.* Japan.
V. Wrightii, *Miq.*

V. prunifolium, *L.*; *Sargent* Silva of North America, t. 225. North America.
V. laevigatum, *Hort.*
V. obovatum, *Hort.*
V. pirifolium, *Poir.*
V. punicaefolium, *Hort.*

V. pubescens, *Pursh*; Garden and Forest, 1890, 125, f. 26. N. America.

V. Sieboldii, *Miq.* Japan.
V. reticulatum, *Hort.*

V. Tinus, *L.*; Bot. Mag. t. 38. Mediterranean region.

Var. **Froebeli.**

Var. **lucida.**

Var. **purpurea.**

Var. **pyramidalis.**

V. tomentosum, *Thunb.* Japan.
V. plicatum, *Sieb. & Zucc.* Fl. Jap. t. 38.
V. plicatum *var.* tomentosum, *Miq.*

Var. **plicatum,** *Maxim.*
V. plicatum, *Thunb.*; *Sieb. & Zucc.* Fl. Jap. t. 37.

Symphoricarpus Heyeri, *Dippel.* Western United States.
S. occidentalis *var.* Heyeri, *Dieck.*

S. mollis, *Nutt. var.* **ciliatus** (*Nutt.*). California.

S. occidentalis, *R. Br.* Western N. America.
Symphoria occidentalis, *R. Br.*

S. orbiculatus, *Moench.* North America.
S. fructu rubro, *Hort.*
S. glomeratus, *C. Koch.*
S. parviflora, *Desf.*
S. vulgaris, *Michx.*
Symphoria glomerata, *Pers.*

Var. **variegatus.**

S. racemosus, *Michx.* N. America.
Symphoria racemosa, *Pers*; Bot. Mag. t. 2211.

S. rotundifolius, *A. Gray* (not *C. Koch*). Western United States.

Abelia chinensis, *R. Br.* China.
A. rupestris, *Lindl.* Bot. Reg. 1846, t. 8.
Linnaea chinensis, *A. Br. & Vatke.*
L. rupestris, *A. Br. & Vatke.*

A. floribunda, *Decne.*; Bot. Mag. t. 4316. Mexico.

A. triflora, *R. Br.*; *Lindl. & Paxt.* Fl. Gard. iii., 93, t. 91. Temperate Himalaya.
Linnaea triflora, *A. Br. & Vatke.*

Linnaea borealis, *Gron.*; *Lodd.* Bot. Cab. t. 183. Northern hemisphere.

Lonicera acuminata, *Wall.* Temperate Himalaya.

L. Alberti, *Regel*; Bot. Mag. t. 7394. Eastern Turkestan.

L. alpigena, *L.*; *Jacquin* Flora Austriaca, iii., t. 274. European Alps, Himalaya.
Caprifolium alpigenum, *Gaertn.*
C. alpinum, *Lam.*
Chamaecerasus alpigenus, *Med.*
Isika alpigena, *Borkh.*
I. lucida, *Moench.*
Xylosteum alpinum, *Dum.*

[redacted]

Lonicera angustifolia, *Wall.*; Journ. Hort. Soc. Lond. 1848, iii., 238, f. Temperate Himalaya.

L. bella, *Zabel* (L. Morrowi × tatarica). Garden origin.
L. Morrowi var. rosea, *Dippel.*

L. caerulea, *L.*; Bot. Mag. t. 1965. Northern hemisphere.
Caprifolium caeruleum, *Lam.*
Xylosteum caeruleum, *Dum.-Cours.*

Var. **glabriuscula.**

L. Caprifolium, *L.*; *Syme* Engl. Bot. t. 641. Central and S. Europe, W. Asia.
L. americana, *C. Koch.*
L. ciliosa, *Hort.* (not *Poir.*).
L. grata, *Ait.*
L. pallida, *Host.*
Caprifolium gratum, *Pursh.*
C. italicum, *Roem. & Schultz.*

Var. **major**, *Dippel.*
L. magnevillea, *Hort.*
Caprifolium magnevillea, *Hort.*

L. chrysantha, *Turcz.*; Gartenflora, 1863, t. 404. Amurland, &c.
L. gibbiflora, *Maxim.* (not *Dippel*).
L. Xylosteum *var.* chrysantha, *Regel.*
Xylosteum gibbiflorum, *Rupr. & Maxim.*

L. ciliata, *Muhlenb.* Eastern United States.
L. canadensis, *Roem. & Schultz.*
Xylosteum ciliatum, *Pursh.*

L. ciliosa, *Poir.* Western North America.
L. occidentalis, *Hook.*
Caprifolium ciliosum, *Pursh.*
C. occidentale, *Lindl.* Bot. Reg. t. 1457.

L. coerulescens, *Dippel* Laubholzk. i., 233, f. 149. Origin uncertain.

L. depressa, *Royle.* Alpine Himalaya.
L. parvifolia, *Edgew.*

Var. **Myrtillus.**
L. Myrtillus, *Hook. f. & Thoms.*

Lonicera etrusca, *Santi.* South Europe, &c.
L. atrosanguinea, *Hort.*
L. gigantea, *Hort.*
Caprifolium etruscum, *Roem. & Schultz.*
C. giganteum, *Hort.*

L. flava, *Sims* Bot. Mag. t. 1318; Garden and Forest, 1890, 190, f. 31. South Carolina.
Caprifolium flavum, *Ell.*
C. Fraseri, *Pursh.*

L. flavescens, *Dippel*; Gartenflora, 1888, 7, f. British Columbia?
L. Ledebouri, *Hort.* (not *Eschsch.*).
L. webbiana, *Hort.* (not *Wall.*).

L. fragrantissima, *Lindl. & Paxt.*; Fl. Gard. iii., 75, f. 268. China.
L. caprifolioides, *C. Koch.*
L. Niaguarilli, *Hort.*
L. odoratissima, *Hort.*
L. volgarensis, *Hort.*
Chamaecerasus Niaguarilli, *Hort.*

L. gibbiflora, *Dippel* Laubholzk. i., 237, f. 151. (L. chrysantha × ruprechtiana). Mandshuria.

L. glauca, *Hill.* North America.
L. dioica, *L.*; Bot. Reg. t. 138.
L. macrophylla, *Hort.*
L. media, *Murr.*
L. parviflora, *Lam.*
Caprifolium bracteatum, *Michx.*
C. dioicum, *Roem. & Schultz.*
C. glaucum, *Moench.*
C. parviflorum, *Pursh.*

L. hirsuta, *Eaton*; Bot. Mag. t. 3103. N. America.
L. Douglasii, *Hort.*
L. pilosa, *Hort.*
L. pubescens, *Sweet.*
L. villosa, *Muhlenb.*
Caprifolium Douglasii, *Lindl.*
C. pilosum, *Hort.*
C. pubescens, *Hort.*

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Lonicera hispida, *Pall.* Central Asia, Siberia, &c.
L. bracteata, *Royle.*

L. iberica, *Bieb.* Caucasus.
L. chlamydophora, *C. Koch.*
L. ciliaris, *Hort.*
Xylosteum ibericum, *Bieb.*

L. implexa, *Soland.*; Bot. Mag. t. 640. South Europe.
L. balearica, *DC.*
Caprifolium balearicum, *Dum.-Cours.*

L. involucrata, *Banks.*; Bot. Reg. t. 1179. N.W. America.
L. bordwelliana, *Hort.*
L. gibbosa, *Hort.*
L. intermedium, *Kell.*
L. Ledebourii, *Eschsch.*
L. moçiniana, *DC.*
Xylosteum involucratum, *Rich.*

L. japonica, *Thunb.* China and Japan.
L. chinensis, *Wats.* Dendr. Brit. ii., t. 117.

Var. **aureo-reticulata.**
L. brachypoda *var.* reticulata, Belg. Hort. 1871, 59, t. 5.
L. brachypoda *var.* foliis aureo-reticulatis. Ill. Hort. 1862, t. 337.

Var. **flexuosa.**
L. brachypoda, *DC.*
L. flexuosa, *Thunb.*; Bot. Reg. t. 712.

Var. **halliana.**
L. flexuosa *var.* halleana, *Dippel.*
L. halleana, *Hort.*
Caprifolium hallianum, *Hort.*
C. japonicum *var.* Halli, *Hort.*

L. Karelini, *Bunge.* Central Asia.

L. Korolkowii, *Stapf* Garden and Forest, 1894, 34, f. 4. Turkestan.
L. floribunda, *Zabel* (not *Boiss. & Buhse*); *Wittmack* Gartenflora, 1893, 103, f.

L. Maacki, *Herd.*; Gartenflora, t. 1162. Mandshuria, &c.
Xylosteum Maackii, *Rupr.*

Lonicera Maximowiczii, *Maxim.*; Gartenflora, t. 597. Amurland, &c.
Xylosteum Maximowiczii, *Rupr.*

L. microphylla, *Willd.*; Ledeb. Icon. Pl. Fl. Ross. t. 213. Altai to Kashmir.
L. bungeana, *Ledeb.*
L. Karelini. *Hort.* (not *Bunge*).
L. sieversiana, *Bunge.*

L. Morrowi, *A. Gray.* Japan.
L. Mouraviae, *Hort.*

L. nervosa, *Maxim.* China.

L. nigra, *L.* European Alps, &c.
L. altaica, *Hort.* (not *Pall.*).
Chamaecerasus nigra, *Med.*
Xylosteum nigrum, *Mill.*

L. obovata, *Royle.* Temperate Himalaya.

L. orientalis, *Lam.*; Gartenflora, t. 359. Orient.
L. discolor, *Hort.*
L. goveniana, *Wall.*
L. kamtschatica, *Hort.*
L. occidentalis, *Hort.* (not *Hook.*).

L. Periclymenum, *L.*; *Syme* Engl. Bot. t. 642. Europe, &c.
Caprifolium Pericylmenum, *Roem. & Schultz.*
C. sylvaticum, *Lam.*
Periclymenum germanicum, *Mill.*

Var. **quercifolia.**
L. verna variegata, *Hort.*
Caprifolium quercifolium, *Hort.*

Var. **serotina.**

L. Phylomelae, *Carr.* Origin uncertain.

L. purpurascens, *Walp.* Subalpine Himalaya.
L. sericea, *Royle.*
Xylosteum purpurascens, *Jacquem.* Voy. Bot. 79, t. 87.

L. pyrenaica, *L.*; Nouveau Duhamel, i., 53, t. 15. Pyrenees.
Caprifolium pyrenaicum, *Lam.*

L. quinquelocularis, *Hardw.* Temperate Himalaya.
L. *diversifolia*, *Wall.*; Bot. Reg. xxx., t. 33.

[redacted]

Lonicera regeliana, *Petz. & Kirchn.*; *Dippel* Laubholzk. i., 220, f. 140. Amurland.
L. chrysantha × Xylosteum, *Rehder.*

L. rupicola, *Hook. f. & Thoms.* Himalaya.

L. ruprechtiana, *Regel.* Gartenflora, 1870, 68, t. 645. Mandshuria, &c.

L. segreziensis, *Lavallée.* Origin uncertain.
L. diversifolia, *Hort.* (not *Wall.*).
L. hispida, *Hort.* (not *Pall.*).

L. sempervirens, *Ait.*; Bot. Mag. t. 781. North America.
L. Brownii, *Hort.*
L. caroliniana, *Marsh.*
L. fuchsioides, *Hort.* (not *Hemsl.*).
L. virginiana, *Marsh.*
Caprifolium sempervirens, *Michx.*
Periclymenum sempervirens, *Mill.*

Var. **minor.** Bot. Mag. t. 1753.

Var. **plantierensis**, *Ed. André* Ill. Hort. 1871, t. 86.
L. ciliosa *var.* plantierensis, *Dippel.*

L. Standishii, *Hook.*; Bot. Mag. t. 5709. China.
L. fragrantissima, *Carr.* (not *Paxt.*).
L. odoratissima, *Hort.*
Chamaecerasus Standishii, *Lesc.*

L. Sullivantii, *A. Gray*; Garden and Forest, 1890, 191, f. 32. North-Eastern United States.

L. syringantha, *Maxim.*; Gartenflora, 1892, 564, f.f. 115, 116. China.

L. tangutica, *Maxim.*; Gartenflora, 1891, 580, f.f. 104, 105. China.

L. tatarica, *L.*; Bot. Reg. t. 31. Siberia, &c.
L. caucasica, *Hort.* (not *Pall.*).
L. speciosa, *Hort.*
Chamaecerasus tatarica, *Med.*
Xylosteum cordatum, *Moench.*
X. tartaricum, *Medic.*

Var. **nana.**

[redacted]

Lonicera tatarica—*cont.*

Var. **pulcherrima.**

Var. **punicea.**

Var. **splendens.**

L. tomentella, *Hook. f. & Thoms.*; Bot. Mag. t. 2469. Temperate Himalaya.

L. translucens, *Carr.* Origin uncertain.

L. Xylosteum, *L.*; *Syme* Engl. Bot. t. 643. Europe, Northern Asia.
L. cotinifolia, *C. A. Mey.*
L. dumetorum, *Moench.*
L. vulgare, *Roehl.*
L. xylosteoides, *Tausch.*
Caprifolium dumetorum, *Lam.*
Chamaecerasus Xylosteum, *Med.*

Leycesteria formosa, *Wall.*; Bot. Mag. t. 3699. Temperate Himalaya.
L. nepalense, *Hort.*

Var. **variegata.**

Diervilla florida, *Sieb. & Zucc.* China.
D. amabilis, *Carr.*; Flore des Serres, t. 855.
D. rosea, *Walp.*
Weigela amabilis, *Hort.*
W. rosea, *Lindl.*; Bot. Mag. t. 4396.

D. hortensis, *Sieb. & Zucc.* Fl. Jap. i., 70, t. 29. Japan.

D. japonica, *DC.* Japan.
Weigela japonica, *Thunb.*

D. Lonicera, *Mill.* North America.
D. canadensis. *Willd.*
D. humilis, *Pers.*; Bot. Mag. t. 1796.
D. lutea, *Pursh.*
D. Tournefortii, *Michx.*
D. trifida, *Moench.*

D. middendorfiana, *Carr.* Siberia, &c.
Calyptrostigma middendorfianum, *Trautv. & Mey.*: Gartenflora, 1857, 347, t. 183.
Weigela *middendorfiana*, *Hort.*

[redacted]

Diervilla sessilifolia, *Buckl.*; *Lavallée* Arbor. Segrez. Ic. 25, t. 8. Carolina and Tennessee.

Var. **splendens.**

D. splendens, *Carr.*

Rubiaceæ.

Cephalanthus occidentalis, *L.*; Rev. Hort. 1889, 280, f. 70. North America.

Coprosma acerosa, *A. Cunn.* New Zealand.

Compositæ.

Bigelovia Douglasii, *A. Gray.* Western North America.
B. viscidiflora, *DC.*
Brickellia linearifolia, *Klatt.*
Chrysothamnus pumilus, *Nutt.*
C. viscidiflorus, *Nutt.*
Linosyris viscidiflora, *Torr. & Gray.*

Var. **tortifolia,** *A. Gray.*

Linosyris lanceolata, *Hook.*

B. graveolens, *A. Gray.* Western North America.
B. dracunculoides, *DC.*
Chrysocoma dracunculoides, *Pursh* (not *Lam.*).
C. graveolens, *Nutt.*
Chrysothamnus dracunculoides, *Nutt.*
C. speciosus, *Nutt.*
Linosyris graveolens, *Torr. & Gray.*

Olearia Haastii, *Hook f.*; Bot. Mag. t. 6592. New Zealand.

O. macrodonta, *Baker*; Bot. Mag. t. 7065. New Zealand.
O. dentata, *Hook. f.*

O. stellulata, *DC.* Australia.
O. gunniana, *Hook. f.*; Bot. Mag. t. 4638.
Eurybia gunniana, *DC.*

O. Traversii, *F. Muell.*; Gard. Chron. 1887, ii., 187, f. 42, New Zealand.
Eurybia Traversii, *F. Muell.*

Microglossa albescens, *C. B. Clarke*; Bot. Mag. t. 6672. Himalaya.
M. cabulica, *C. B. Clarke.*
Amphiraphis albescens, *DC.*
Aster albescens, *Walp.*
A. cabulicus, *Lindl.*

Baccharis halimifolia, *L.*; Dippel Laubholzk. i., 294, f. 195. N. America.

B. patagonica, *Hook. & Arn.* Magellanic region.

B. salicina, *Torr. & Gray.* Colorado to Texas.
B. salicifolia, *Nutt.*

Helichrysum antennarium, *F. Muell.* Australia.
Swammerdamia Antennaria, *DC.*

H. glomeratum, *Nichols.* New Zealand.
Ozothamnus glomeratus, *Hook. f.*
Swammerdamia glomerata, *Raoul.*

H. rosmarinifolium, *DC.* Victoria and Tasmania.
Ozothamnus rosmarinifolius, *DC.*

H. serotinum, *Boiss.* South-Western Europe.

Cassinia fulvida, *Hook. f.*; Gartenflora, 1890, 241, f. 56. New Zealand.
Diplopappus chrysophyllus, *Hort.*

C. leptophylla, *Hort.* New Zealand.
Calea leptophylla, *Forst.*

Santolina Chamaecyparissus, *L.* South Europe.
S. incana, *Lam.*

S. rosmarinifolia, *L.* Spain and Portugal.
S. pectinata, *Lag.*

S. viridis, *Willd.* South Europe.
S. virens, *Mill.*

Artemisia Abrotanum, *L.* South Europe.

A. arborescens, *L.* South Europe.

A. austriaca, *Jacq.* Eastern Europe, &c.

Artemisia procera, *Willd.* South-east Europe, Asia Minor.

A. tridentata, *Nutt.* Western United States.

Senecio laxifolius, *J. Buch.*; Bot. Mag. t. 7378. New Zealand.
S. Grayii, *Hort.*
S. latifolius, *Hort.* (not *Banks & Soland.*). Gard. Chron. 1894, xvi., 315, f. 43.

Vacciniaceæ.

Gaylussacia brachycera, *Torr. & Gray*; Pennsylvania to Virginia.
Adnaria brachycera, *O. Kuntze.*
Vaccinium brachycerum, *Michx.*
V. buxifolium, *Salisb.*; Bot. Mag. t. 968.

G. dumosa, *Torr. & Gray*; Newfoundland and Eastern United States.
Vaccinium dumosum, *Andr.* Bot. Rep. t. 112; Bot. Mag. t. 1106.
V. frondosum, *Michx.* (not *L.*).

G. frondosa, *Torr. & Gray*; Gard. Chron., 1890, vii., 580, f. 93. Eastern United States.
Vaccinium frondosum, *L.*; *Andr.* Bot. Rep. t. 140.
V. glaucum, *Michx.*
V. venustum, *Ait.*

G. resinosa, *Torr. & Gray.* North America.
Vaccinium parviflorum, *Andr.* Bot. Rep. t. 125.
V. resinosum, *Ait.*; Bot. Mag. t. 1288.

G. ursina, *Torr. & Gray.* Mountains of North and South Carolina.
Vaccinium ursinum, *M. A. Curt.*

Vaccinium arboreum, *Marsh.*; *Lodd.* Bot. Cab. t. 1885; *Sargent* Silva of North America, v., 119, t. 230. Florida and Texas to N. Carolina and S. Illinois.
V. diffusum, *Ait.*; Bot. Mag. t. 1607.

V. Arctostaphylos, *L.*; Bot. Mag. t. 974. Caucasus, &c.

Vaccinium canadense, *Kalm.*; Bot. Mag. t. 3446. North America.
V. album, *Lam.* (not *L.*).

V. ciliatum, *Thunb.* Japan.

V. corymbosum, *L.*; Bot. Mag. t. 3433. North America.
V. disomorphum, *Michx.*
V. marianum, *Wats.* Dendr. Brit. t. 124.

Var. **amoenum,** *A. Gray.*
V. amoenum, *Ait.*; *Andr.* Bot. Rep. t. 138.

Var. **fuscatum,** *A. Gray*; Southern United States.
V. fuscatum, *Ait.*

V. crassifolium, *Andr.* Bot. Rep. t. 105; Bot. Mag. t. 1152. North Carolina to Georgia.
V. carnosum, *Pers.*
V. myrtifolium, *Michx.*

V. erythrocarpum, *Michx.*; Bot. Mag. t. 7413. Virginia to Georgia.
Oxycoccus erectus, *Pursh.*
O. erythrocarpus, *Pers.*

V. hirsutum, *Buckl.*; Garden and Forest, 1889, 365, f. 119. Mountains of North Carolina.

V. intermedium, *Ruthe* (V. Myrtillus × Vitis-Idaea); Journ. Linn. Soc. xxiv., 125, t. 3. Europe.

V. japonicum, *Miq.* Japan.

V. Mortinia, *Benth.*; Bot. Mag. t. 6872. Andes of Ecuador.

V. Myrsinites, *Lam.* South United States.
V. Sprengelii, *Hort.* (not *Wall.*).
V. nitidum *var.* decumbens, *Sims* Bot. Mag. t. 1550.

V. Myrtillus, L.; *Syme* Engl. Bot. t. 879. Northern hemisphere.

V. ovatum, *Pursh*; Bot. Mag. t. 4732. Vancouver's Island to Monterey, &c.
V. prunifolium, *Hort.*

V. padifolium, *Sm.*; Bot. Mag. t. 7305. Madeira.
V. Arctostaphylos *var.* padifolium, *Loud.*
V. maderense, *Link.*

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Vaccinium parvifolium, *Sm.*; Hook. Fl. Bor. Am. t. 128. North California to Alaska and the Aleutian Islands.

V. pensylvanicum, *Lam.*; Bot. Mag. t. 3434. North America.
V. humile, *Willd.*
V. myrtilloides, *Michx.* (not *Hook.*).
V. ramulosum, *Willd.*
V. tenellum, *Pursh.*

Var. **angustifolium,** *A. Gray.*
V. angustifolium, *Ait.*
V. salicinum, *Aschers.*

V. stamineum, *L.*; *Andr.* Bot. Rep. t. 263. Maine and Michigan to Florida and Louisiana.
V. album, *Pursh* (not *L.*).
V. elevatum, *Soland.*

V. uliginosum, *L.*; *Syme* Engl. Bot. t. 878. Northern hemisphere.
V. gaultherioides, *Bigel.*
V. pubescens, *Wormsk.*

V. vacillans, *Soland.* New England to North Carolina and Missouri.

V. Vitis-idaea, *L.*; *Syme* Engl. Bot. t. 877. Northern hemisphere.
V. punctatum, *Lam.*
Vitis-Idaea punctata, *Moench.*

Var. **major,** *Lodd.* Bot. Cab. t. 616.

Oxycoccus macrocarpus, *Pers.* North America.
Vaccinium macrocarpon, *Ait.*; Bot. Mag. t. 2586.
V. Oxycoccus *var.* oblongifolium, *Michx.*

O. palustris, *Pers.* Northern hemisphere.
O. vulgaris, *Pursh.*
Vaccinium Oxycoccus, *L.*; *Syme* Engl. Bot. t. 876.

Chiogenes serpyllifolia, *Salisb.* North America.
C. hispidula, *Torr. & Gray.*
Gaultheria hispidula, *Muhl.*
G. serpyllifolia, *Pursh.*
Oxycoccus hispidulus, *Pers.*
Vaccinium hispidulum, *Michx.*

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Ericaceæ.

Arbutus Andrachne, *L.*; Bot. Mag. t. 2024. Levant, &c.
A integrifolia, *Lam.*
A. Sieberi, *Klotzsch.*

A. hybrida, *Ker.-Gawl.* Bot. Reg. t. 619. (A. Andrachne × Unedo). Garden origin.
A. Andrachne *var.* serratifolia, *Hort.*
A. andrachnoides, *Link.*
A. magnifica, *Hort.*
A. Milleri, *Hort.*
A. photiniaefolia, *Hort.*
A. Rollissoni, *Hort.*
A. serratifolia, *Lodd.*

A. Menziesii, *Pursh.*; *Sargent* Silva of North America, v., 123, t. 231. California, &c.
A. procera, *Dougl.*; Bot. Reg. t. 1753.
A. Andrachne, *Hort.* (not *L.*).

A. Unedo, *L.*; Gard. Chron., 1878, x., 689, f. 115. Southern Europe (Ireland).
Unedo edulis, *Hoffingg. & Link.*

Var. **integerrima**, *Sims* Bot. Mag. t. 2319.
A. rotundifolia, *Hort.*

Var. **microphylla.**
A. microphylla, *Hort.*

Var. **quercifolia.**

Var. **rubra**, *Ait.*
A. Croomii, *Hort.*

Arctostaphylos alpina, *Spreng.*; *Syme* Engl. Bot. t. 880. Northern hemisphere.
Arbutus alpina, *L.*

A. diversifolia, *Parry.* California.

A. tomentosa, *Lindl.* Bot. Reg. t. 1791. California, &c.
Arbutus tomentosa, *Pursh.*

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Arctostaphylos Uva-ursi, *Spreng.*; *Syme* Engl. Bot. t. 881. Northern hemisphere.
A. officinalis, *Wimm. & Grab.*
Arbutus Uva-ursi, *L.*
Pernettya arctica, *Hort.*

Var. **californica.**
A. californica, *Hort.*

A. viscida, *Parry.* Pacific coast of N. America.

Pernettya mucronata, *Gaudich.* Magellanic region.
P. angustifolia, *Hort.*
P. Cummingi, *Hort.*
P. Drummondi, *Hort.*
P. speciosa, *Hort.*
Arbutus mucronata, *L.*; Bot. Mag. t. 3093.

Many garden varieties.

Gaultheria antipoda, *Forst.* Tasmania and New Zealand.

G. nummularioides, *D. Don*; Gard. Chron. 1884, xxii., 457, *f.* 84. Himalaya, &c.
G. Nummulariae, *DC.*

G. procumbens, *L.*; Bot. Mag. t. 1966. North America.
Gautiera procumbens, *Torr.*

G. pyrolaefolia, *Hook. f.* Himalaya.
G. pyroloides, *Hook. f. & Thoms.*

G. Shallon, *Pursh*; Bot. Mag. t. 2843. Western N. America.

Cassandra calyculata, *D. Don.* Northern hemisphere.
Andromeda calyculata, *L.*; Bot. Reg. t. 1286.
Chamaedaphne calyculata, *Moench.*
Lyonia calyculata, *Reichb.*

Cassiope fastigiata, *D. Don*; Bot. Mag. t. 4796. Alpine Himalaya.
Andromeda fastigiata, *Wall.*

C. hypnoides, *D. Don.* Arctic regions of northern hemisphere.
Andromeda hypnoides, *L.*; Bot. Mag. t. 2936.

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Cassiope tetragona, *D. Don.* Arctic regions of northern hemisphere.
Andromeda tetragona, *L.*; Bot. Mag. t. 3181.

Leucothoe axillaris, *D. Don.* South-eastern United States.
Andromeda axillaris, *Lam.*

L. Catesbaei, *A. Gray.* Virginia to Georgia.
L. spinulosa, *D. Don.*
Andromeda axillaris, *Michx.*
A. Catesbaei, *Walt.*; Bot. Mag. t. 1955.
A. spinulosa, *Pursh.*

L. Davisiae, *Torr.*; Bot. Mag. t. 6247. California.
L. Lobbi, *Hort.*

L. racemosa, *A. Gray.* North America.
L. spicata, *G. Don.*
Andromeda paniculata, *L.*
A. racemosa, *L.*
A. spicata, *Wats.* Dendr. Brit. t. 36.
A. tomentosa, *Dum.-Cours.*
Lyonia racemosa, *G. Don.*

L. recurva, *A. Gray.* Virginia to Alabama.
Andromeda recurva, *Buckl.*

Oxydendron arboreum, *DC.*; *Sargent,* Silva of North America, v., 135, t. 235. N. America.
Andromeda arborea, *L.*; Bot. Mag. t. 905.
Lyonia arborea, *D. Don.*

Epigaea repens, *L.*; *Andr.* Bot. Rep t. 102. North America.

Lyonia paniculata, *Nutt.* North America.
L. capreaefolia, *Wats.* Dendr. Brit. t. 37.
L. ligustrina, *DC.*
L. multiflora, *Wats.* Dendr. Brit. 128.
L. parabolica, *C. Koch.*
L. salicifolia, *Wats.* Dendr. Brit. 127.
Andromeda ligustrina, *Muhl.*
A. parabolica, *Duham.*
A. tomentosa, *Hort.*

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Zenobia speciosa, *D. Don.* Florida to North Carolina.
Andromeda cassinefolia, *Sims.* Bot. Mag. t. 970.
A nitida, *Hort.*
A nuda, *Hort.*
A. speciosa, *Michx.*
A. viridis, *Hort.*

Var. **pulverulenta.** Gard. Chron. 1890, viii., 612, f. 100.
A. dealbata, *Lindl.* Bot. Reg. t. 1010.
A. pulverulenta, *Bartr.*
A. speciosa, var. glauca, *Wats.* Dendr. Brit. t. 126.
Lyonia pulverulenta, *C. Koch.*

Andromeda polifolia, *L.*; *Syme* Engl. Bot. t. 883. Northern and Arctic regions.
A. glaucophylla, *Link.*
A. rosmarinifolia, *Pursh.*
Rhododendron polifolium, *Scop.*

Var. **angustifolia.**

Var. **major.**

Pieris floribunda, *Benth. & Hook. f.* Virginia to Georgia.
Andromeda floribunda, *Pursh.*; Bot. Mag. t. 1566; Bot. Reg., t. 807.
Leucothoe floribunda, *D. Don.*
Portuna floribunda, *Nutt.*
Zenobia floribunda, *DC.*

P. formosa, *D. Don*; Gard. Chron. 1881, xv., 568, f. 107. Temperate Himalaya, China.
Andromeda formosa, *Wall.*

P. japonica, *D. Don*; Gard. Chron. 1882, xvii., 796, f. 120. Japan.
Andromeda japonica, *Thunb.* Fl. Jap. 181, t. 22.

Var. **variegata.**

P. mariana, *Benth. & Hook. f.* Rhode Island to Florida, &c.
Andromeda mariana, *L.*; Bot. Mag. t. 1579.
A. pulchella, *Salisb.*
Leucothoe mariana, *DC.*
Lyonia mariana, *D. Don.*

P. nitida, *Benth. & Hook. f.*; North Carolina to Florida and Louisiana.
Andromeda coriacea, *Ait.*; Bot. Mag. t. 1095.
A. lucida, *Lam.* (not *Jacq.*).

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Pieris nitida—*cont.*

A. marginata, *Duham.*
A. mariana, *Jacq.* (not *L.*).
A. myrtifolia, *Salisb.*
A. nitida, *Bartr.*
Leucothoe coriacea, *DC.*
Lyonia marginata, *D. Don.*

P. ovalifolia, *D. Don.* Temperate Himalaya.
Andromeda ovalifolia, *Wall.*; *Loud.* Arbor. Brit. 570, f. 1070.

Enkianthus campanulatus, *Nichols.*; Bot. Mag. t. 7059. Japan.
Andromeda campanulata, *Miq.*

E. cernuus, *Benth. & Hook. f.* Japan.
Andromeda cernua, *Miq.*
Meisteria cernua, *Sieb. & Zucc.*

E. japonicus, *Hook. f.* Bot. Mag. t. 5822. Japan.

Calluna vulgaris, *Salisb.*; *Syme.* Engl. Bot. t. 894. Europe, &c.
Erica vulgaris, *L.*

Var. alba.
Var. alba aurea.
Var. alba minor.
Var. alba pilosa.
Var. alba pumila.
Var. alba rigida.
Var. alba Serlei.
Var. alba tenella.
Var. Alporti.
Var. argentea.
Var. aurea.
Var. cuprea.
Var. Foxii.
Var Hammondi.
Var. hypnoides.
Var. lanulosa.

Calluna vulgaris—*cont.*

Var. **minima.**

Var. **pygmaea.**

Var. **rosea.**

Var. **rubra.**

Var. **tenuis.**

Erica arborea, *L.*; *Moggridge* Flora of Mentone, t. 59 b. Mediterranean and Caucasus.

E. carnea, *L.*; Bot. Mag. t. 11. Europe.
E. bracteata, *Moench* (not *Thunb.*).
E. herbacea, *L.*

Var. **alba.**

E. ciliaris, *L.*; *Syme* Engl. Bot. t. 887; Bot. Mag. t. 484. South-western Europe. (Cornwall, &c.)

E. cinerea, *L.*; *Syme* Engl. Bot. t. 891. West Europe to Germany and North Italy.

Var. **alba.**

Var. **alba minor.**

Var. **atropurpurea.**

Var. **atrosanguinea.**

Var. **purpurea.**

Var. **rosea.**

E. lusitanica, *Rudolph.* Spain and Portugal.
E. codonodes, *Lindl.* Bot. Reg. t. 1698; Gard. Chron. 1877, vii., 463, f. 70.
E. polytrichifolia, *Salisb.*

E. Mackaii, *Hook.* Spain, Galway.
E. mackaiana, *Bab.*; *Syme* Engl. Bot. t. 890.
E. Tetralix *var.* mackayana, *Hort.*

E. mediterranea, *L.* South-west France, Spain.

Var. **alba.**

Var. **glauca.**

Var. **hibernica,** *Hook.*
E. hibernica, *Syme* Engl. Bot, t. 892.

Var. **hybrida.**

Erica multiflora, *L.*; *Moggridge* Flora of Mentone, t. 59a. South Europe.
E. peduncularis, *J. & C. Presl.* (not *Salisb.*).

E. scoparia, *L.*; *Moggridge* Flora of Mentone, t. 59c. Western Mediterranean region.
E. arborea, *Hort.* (not *L.*).
E. virgulata, *Wendl.*

E. stricta, *Donn*; *Andr.* Heathery, ii., t. 92. S. Europe.
E. corsica, *DC.*
E. multicaulis, *Salisb.*
E. pendula, *Wendl.*
E. ramulosa, *Vir.*

E. Tetralix, *L.*; *Syme* Engl. Bot. t. 889. N. and W. Europe to Russia.

Var. **alba.**

Var. **rubra.**

E. vagans, *L.*; *Syme* Engl. Bot. t. 893. South-western Europe (Cornwall).

Var. **alba.**

Var. **grandiflora.**

Var. **rubra.**

E. Watsoni, *DC.* South-western England.
E. Tetralici-ciliaris, *Syme* Engl. Bot. t. 888.

Bruckenthalia spiculifolia, *Reichb.* Eastern Europe, Asia Minor.
Erica spiculifolia, *Sibth.* Fl. Graeca, t. 353.
Menziesia Bruckenthalii, *Baumg.*

Loiseleuria procumbens, *Desv.*; *Lodd.* Bot. Cab. t. 762. Arctic and Alpine Europe, Asia, America.
Azalea procumbens, *L.*
Chamædedon procumbens, *Link.*

Bryanthus empetriformis, *A. Gray.* British Columbia to California, &c.
Menziesia empetriformis, *Sm.*; Bot. Mag. t. 3176.
M. Grahami, *Hook.*
Phyllodoce empetriformis, *D. Don.*
P. Grahami, *Nutt.*

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Bryanthus erectus, *Lindl. & Paxt.* Fl. Gard. i., 97, pl. 19. Garden Origin.
B. empetriformis × Rhodothamnus Chamaecistus.

B. taxifolius, *A. Gray.* Cold regions of northern hemisphere.
B. caeruleus, *Dippel.*
Andromeda caerulea, *L.*
A. taxifolia, *Pall.*
Menziesia caerulea, *Sw.*; *Syme* Engl. Bot. t. 886.
Phyllodoce caerulea, *Bab.*
P. taxifolia, *Salisb.*

Daboëcia polifolia, *D. Don*; *Syme* Engl. Bot. t. 885. Ireland, W. France, Spain, Portugal, Azores.
D. cantabrica, *C. Koch.*
Andromeda Daboecia, *L.*
Menziesia polifolia, *Juss.*

Var. **alba.**

Kalmia angustifolia, *L.*; Bot. Mag. t. 331. North America.

Var. **lucida.**

Var. **nana.**

Var. **ovata.**

Var. **rosea.**

Var. **rubra.**

K. glauca, *Ait.*; Bot. Mag. t. 177. North America.

K. latifolia, *L.*; Bot. Mag. t. 175. North America.

Var. **myrtifolia.**

Var. **polypetala.** Garden and Forest, 1890, 453, f. 56.

Rhodothamnus Chamaecistus, *Reichb.* Austrian Alps.
Rhododendron Chamaecistus, *L.*; Bot. Mag. t. 488.

Leiophyllum buxifolium, *Ell.*; Bot. Mag. t. 6752. New Jersey to Florida, and the mountains of Carolina.
L. serpyllifolium, *DC.*
L. thymifolium, *G. Don.*
Ammyrsine buxifolia, *Pursh.*
Ledum buxifolium, *Berg.*
L. intermedium, *Hort.*
L. thymifolium, *Lam.*

Leiophyllum buxifolium—*cont.*

Var. **prostratum.**
L. Lyoni, *Sweet.*
L. prostratum, *Loud.*
Ammyrsine prostrata, *Sweet.*

Elliottia paniculata, *Benth. & Hook. f.* Japan.
Tripetaleia paniculata, *Sieb. & Zucc.*

E. racemosa, *Muhl.*; Garden and Forest, 1894, 205, f. 37. Georgia.

Ledum glandulosum, *Nutt.* California, British Columbia, and northern Rocky Mountains.

L. latifolium, *Ait.* North America.
L. canadense, *Lodd.*; Bot. Cab. t. 1049.
L. groenlandicum, *Retz.*
L. palustre *var.* canadense, *Hort.*
L. palustre *var.* decumbens, *Hort.*
L. palustre *var.* latifolium, *Michx.*
L. palustre *var.* medium, *Hort.*

L. palustre, *L.*; *Lodd.* Bot. Cab. t. 560.; Northern and Arctic Regions.
L. angustifolium, *Hort.*
L. longifolium, *Hort.*
L. odoratum, *Hort.*

† Azaleastrum.

Rhododendron albiflorum, *Hook.*; Bot. Mag. t. 3670. Northern Rocky Mountains and Oregon to British Columbia.

R. ovatum, *Planch.* China.
Azalea ovata, *Lindl.*; Bot. Mag. t. 5064.

†† Azalea.

R. Albrechti, *Maxim.* Japan.

R. arborescens, *Torr.*; Garden and Forest, 1888, 404, f. 64. Mountain region from Pennsylvania to North Carolina and Tennessee.
Azalea arborescens, *Pursh.*
A. fragrans, *Rafin.*

Rhododendron calendulaceum, *Torr.* Pennsylvania to Georgia.
Azalea calendulacea, *Michx.*
A. pontica *var.* calendulacea, *Pers.*

Var. **flammea.** Bot. Mag. t. 2143.

Var. **Morteri**, *Sweet* Brit. Fl. Gard. iv., t. 10.
" R. calendulaceum × red variety of R. nudiflorum."

Many garden varieties and hybrids.

R. dilatatum, *Miq.* Japan.

R. flavum, *G. Don.* Caucasus, &c.
Azalea pontica, *L.*; Bot. Mag. t. 433.
Anthodendron flavum, *Reichb.*

Var. **albiflorum.**
Azalea pontica *var.* albiflora, Bot. Mag. t. 2383.

Var. **ardens**, *Sweet* Brit. Fl. Gard. vii., t. 306.

Many garden varieties and hybrids.

R. indicum, *Sweet.* China and Japan.
Azalea indica, *L.*

Var. **amoenum**, *Maxim.*
R. amoenum, *Planch.*
Azalea amoena, *Lindl. & Paxt.* Fl. Gard. iii., t. 89; Bot. Mag. t. 4728.

Var. **balsaminaeflorum.**
Azalea balsaminaeflora, *Carr.*; Rev. Hort. 1882, pl.
A. Rollisoni, *Hort.*
A. rosaeflora, *Hort.*

Var. **Caldwelli.**

Var. **calyciflorum.**

Var. **Kaempferi**, *Maxim.*
R. Sieboldi, *Miq.*

Var. **obtusum.**
R. obtusum, *Planch.*
R. Sieboldi *var.* minus, *Miq.*
Azalea obtusa, *Lindl.* Bot. Reg. xxxii. t. 37.

Var. **obtusum album.**

[redacted]

Rhododendron ledifolium, *G. Don.* Japan, China, &c.
R. leucanthum, *Blume.*
R. rosmarinifolium, *Dippel.*
Azalea indica *var.* alba, *Lindl.* Bot. Reg. t. 811.
A. ledifolia, *Hook.* Bot. Mag. t. 2901.
A. liliiflora, *Poit.*

R. linearifolium, *Sieb. & Zucc.* Japan.
R. rosmarinifolium, *Hort.* (not *Dippel*).
Azalea linearifolia, *Hook.* Bot. Mag. t. 5769.

R. nudiflorum, *Torr.* Canada to Florida and Texas.
R. bicolor, *Sweet.*
R. canescens, *G. Don.*
Azalea bicolor, *Pursh.*
A. canescens, *Michx.*
A. lutea, *L.*
A. nudiflora, *L.*; Bot. Mag. t. 180.
A. periclymenoides, *Michx.*

Var. **carneum.**
Azalea nudiflora *var.* carnea, Bot. Reg. t. 120.

Var. **eximium,** *D. Don*; *Sweet* Brit. Fl. Gard. vi., t. 291.
"R. nudiflorum coccineum majus × R. arboreum."

Var. **rubrum.**
Azalea nudiflora *var.* rubra, *Lodd.* Bot. Cab. t. 51.

Many garden varieties and hybrids.

R. occidentale, *A. Gray*; Bot. Mag. t. 5005. California.
A. occidentalis, *Torr. & Gr.*

R. Rhodora, *J. F. Gmel.* North America.
R. canadense, *Dippel.*
R. pulchellum, *Salisb.*
Rhodora canadensis, *L.*; Bot. Mag. t. 474.
R. congesta, *Moench.*

R. rhombicum. *Miq.*; Bot. Mag. t. 6972. Japan.
R. reticulatum, *D. Don.*
Azalea reticulata, *C. Koch.*
A. rhombica, *Hort.*

R. Schlippenbachii, *Maxim.*; Bot. Mag. t. 7373. Mandshuria and Japan.

[redacted]

Rhododendron serpyllifolium, *Miq.* **Japan.**
Azalea serpyllifolia, *A. Gray.*

R. sinense, *Sweet* Brit. Fl. Gard. t. 290; Bot. Mag. t. 5905.
China and Japan.
R. molle, *Sieb. & Zucc.*
Azalea japonica, *A. Gray.*
A. mollis, *Blume.*
A. pontica, *L. var.* sinensis, *Lindl.* Bot. Reg. t. 1253.
A. sinensis, *Lodd.* Bot. Cab. t. 885.

Many garden varieties.

R. Vaseyi, *A. Gray*; Garden and Forest, 1888, 376, f. 60.
Mountains of North and South Carolina.

Var. **album.**

R. viscosum, *Torr.* North America.
Anthodendron viscosum, *Reichb.*
Azalea viscosa, *L.*

Var. **glaucum,** *A. Gray.*
R. glaucum, *G. Don* (not *Hook. f.*).
Azalea glauca, *Lam.*
A. viscosa *var.* glauca, *Michx.*

†††EURHODODENDRON.

R. altaclerense, *Lindl.*; Bot. Reg. t. 1414. Garden Origin.
R. arboreum (hybridum) altaclerense; Bot. Mag. t. 3423.
"R. arboreum × (catawbiense × ponticum)."

R. Anthopogon, *D. Don*; Bot. Mag. t. 3947. Alpine Himalaya and Northern Asia.

R. arboreum, *Sm. var.* **Campbelliae.** Temperate Himalaya.
R. Campbelliae, *Hook. f.* Rhod. Sikkim Himal. t. 6.

R. blandianum, *Martr.* L'Horticulteur Français, 1859, t. 13.
Garden origin.
R. arboreum × ?

R. brachycarpum, *G. Don*; Garden and Forest, 1888, 293, f. 46. Japan.

Rhododendron californicum, *Hook.*; Bot. Mag. t. 4863. California, &c.

R. campanulatum, *D. Don*; Bot. Mag. t. 3759. Alpine Himalaya.
R. aeruginosum, *Hook. f.*

Var. **pictum.**

Var. **Wallichii,** *Hook. f.*
R. Batemani, *Hook.*; Bot. Mag. t. 5387.

R. campylocarpum, *Hook. f.*; Bot. Mag. t. 4968. Sikkim, &c.

R. catawbiense, *Michx.*; Bot. Mag. t. 1671. High mountains from Virginia to Georgia.

Var. **fastuosum.**
R. fastuosum, *Van Houtte* Flore des Serres t. 143.

Many garden varieties and hybrids.

R. caucasicum, *Pall.* Caucasus.
R. caucaseum, *Sims* Bot. Mag. t. 1145.

R. ciliatum, *Hook. f.* Rhod. Sikkim. Himal. t. 24. Sikkim.

R. cinnabarinum, *Hook. f.* Rhod. Sikkim Himal. t. 8. Sikkim, &c.
R. blandfordiaeflorum, *Hook. f.* Bot. Mag. t. 4930.

R. collettianum, *Aitch. & Hemsl.*; Bot. Mag. t. 7019. Afghanistan.
R. afghanicum, *Hort.* (not *Aitch. & Hemsl.*).

R. Cunninghami, *Hort.* Garden origin.
R. maximum × arboreum.

R. dauricum, *L.* Dahuria to Mandshuria and Sachalin.
R. dahuricum, *Dippel.*

R. decorum, *Franch.* Yunnan.

R. Delavayi, *Franch.* Yunnan.

R. ferrugineum, *L.*; *Lodd.*; Bot. Cab. t. 65. Alps of Europe.

Var. **album,** *Sweet* Brit. Fl. Gard. 1838, t. 258.

Var. **atrococcineum.**

Rhododendron ferrugineum—*cont.*

Var. **erectum.**

Var. **hybridum.**

Var. **myrtifolium.** Austrian Alps.
R. myrtifolium, *Schott & Kotschy* (not *Lodd.*).

Var. **variegatum.**

The three following are plants of garden origin in all probability derived from R. ferrugineum and punctatum.

R. arbutifolium, *Hort.*
R. daphnoides, *Hort.*

R. Hammondi, *Hort.*
R. tenellum, *Hort.*

R. Wilsoni, *Hort.* (not *Hook.*).

R. Fortunei, *Lindl.*; Bot. Mag. t. 5596. China.

R. fulgens, *Hook. f.* Rhod. Sikkim Himal. t. 25. Nipal and Sikkim.

R. glaucum, *Hook. f.* Bot. Mag. t. 4721. Sikkim and Bhotan.

R. halense, *Gremb.* (R. subferrugineum × hirsutum.) Austrian Alps.

R. hirsutiforme, *Gremb.* (R. subferrugineum × hirsutum). Austrian Alps.

R. hirsutum, *L.*; Bot. Mag. t. 1853. Alps of Europe.

R. intermedium, *Tausch.* Tyrol, &c.

R. kewense, *W. Wats.* (R. griffithianum × Hookeri.) Garden, 1892, xlii. t. 474. Garden origin.

R. Keysii, *Nutt.*; Bot. Mag. t. 4875. Bhotan.

R. lacteum, *Franch.* Yunnan.

R. lepidotum, *Wall.*; Bot. Mag. t. 4657. Temperate and Alpine Himalaya.

[redacted]

Rhododendron Luscombei, *W. Wats.* (R. Fortunei × R. Thomsoni.) Garden origin.

Var. **splendens.**

R. Manglesii, *Hort.* (R. Aucklandi × album elegans); Gard. Chron. 1885, xxiv., 49, f. 9. Garden origin.

R. maximum, *L.*; Bot. Mag. t. 951. North America.
R. procerum, *Salisb.*
R. purpureum, *G. Don.*
R. Purshii, *G. Don.*

R. Metternichii, *Sieb. & Zucc.* Fl. Jap. t. 9. Japan.

R. myrtifolium, *Lodd.* Bot. Cab. t. 908. Garden origin.
? R. hirsutum × punctatum.
R. ovalifolium, *Hort.*
R. ovatum, *Hort.* (not *Maxim.*).
R. ponticum *var.* myrtifolium, *Loud.*

R. niveum, *Hook. f.*; Bot. Mag. t. 4730. Sikkim.

R. nobleanum, *Lindl.* Bot. Reg. t. 1820. Garden origin.
R. arboreum × caucasicum.
R. caucasicum *var.* nobleanum, *Loud.*

R. parvifolium, *Adams.*; Gartenflora, 1877, t. 904. Siberia, China, &c.
R. parviflorum, *Ait.*
Azalea ferruginosa, *Pall.* Fl. Ross. t. 72.

R. ponticum, *L.*; Bot. Mag. t. 650. Spain, Portugal, Asia Minor.
R. baeticum, *Boiss. & Reut.*

Var. **album.**

Var. **cheiranthifolium.**
R. cheiranthifolium, *Hort.*

Var. **daphnoides,** *Hort.*
R. daphnoides, *Hort.* (in part).

Var. **lancifolium.**
R. lancifolium, *Moench.*

Var. **variegatum.**

R. praecox, *Carr.* Rev. Hortic. 1868, 211, t. (R. ciliatum × dauricum). Garden origin.

[redacted]

Rhododendron pulcherrimum, *Lindl.* (R. arboreum × caucasicum).
R. caucasicum *var.* pulcherrimum, *Loud.*

R. punctatum, *Andr.* Bot. Rep. t. 36; Bot. Reg. t. 37. Alleghany Mountains from North Carolina to Georgia.
R. minus, *Michx.*

R. racemosum, *Franch.*; Bot. Mag. t. 7301; Garden, 1892, xlii., 311, pl. Western China.

R. roseum odoratum, *Hort. Davies.* Garden origin "Hardy white Azalea × hardy scarlet Rhododendron."

R. russellianum, *Sweet* Brit. Fl. Gard. iv., t. 91.
R. catawbiense × arboreum.

R. Smirnowi, *Trautv.*; Gartenflora, t. 1226, f. 2. Caucasus.

R. Smithii, *Hort. var.* **elegans.** Garden origin.

R. Thomsoni, *Hook. f.*; Bot. Mag. t. 4997. Nipal and Sikkim.

R. Ungerni, *Trautv.*; Gartenflora, t. 1226, f. 1. Caucasus.

R. virgatum, *Hook. f.*; Bot. Mag. t. 5060. Sikkim.

††† Hybrids between Azalea and Rhododendron.

R. azaleoides *Desf.* (R. viscosum × maximum). Garden origin.
R. hybridum, *Ker-Gawl.* Bot. Reg. t. 195.
R. odoratum, *Lodd.*
R. fragrans, *Paxt.* Mag. of Bot. x., t. 147.
R. ponticum *var.* deciduum, *Andr.* Bot. Rep. t. 379.
R. ponticum *var.* azaleoides.
R. maximum hybridum, *Bot. Mag.* t. 3454.

R. Cartoni, *Hort.*; Bot. Reg. t. 1449. Garden origin. "Azalea nudiflora × Rhododendron catawbiense."

R. gemmiferum, *Hort.* Garden origin.

R. gowenianum, *Sweet*; Brit. Fl. Gard. ser. i. t. 263. Garden origin. "(Azalea nudiflora or viscosa) × (R. ponticum × catawbiense)."
R. nudiflorum *var.* gowenianum, *Loud.*

[redacted]

Rhododendron Smithii, *Hort.* (not *Sweet*) var. **aureum**, *Paxt.* Mag. Bot. ix., t. 79. "Rhododendron seedling × Azalea sinensis."

Under the generic name Azaleodendron a number of hybrids between R. sinensis (Azalea mollis) and an evergreen hybrid Rhododendron have been distributed from Belgium.

Menziesia globularis, *Salisb.* Alleghany Mountains from Pennsylvania to Georgia.
M. ferruginea *var.* globularis, *Sims* Bot. Mag. t. 1571.

Clethra acuminata, *Michx.*; *Lodd.* Bot. Cab. t. 1427. Virginia to Georgia.
C. montana, *Bartr.*

C. alnifolia, *L.* Maine to Florida.

Var. **Michauxii.**
C. Michauxii, *Court.*

Var. **paniculata.**
C. paniculata, *Ait.*

Var. **scabra.**
C. scabra, *Pers.*

Var. **tomentosa**, *Michx.*; Garden and Forest, 1891, 64, f. 14.
C. incana, *Pers.*
C. pubescens, *Willd.*
C. tomentosa, *Lam.*; Bot. Mag. t. 3743.

C. canescens, *Reinw.* China, Japan, &c.
C. barbinervis, *Sieb. & Zucc.*; Gartenflora, 1870, t. 654.
C. lancifolia, *Turcz.*
C. Fabri, *Hance.*

Diapensiaceæ.

Diapensia lapponica, *L.*; Bot. Mag. t. 1108. Mountains in high latitudes of northern hemisphere.

[redacted]

Myrsineæ.

Myrsine africana, *L.* Himalaya, Tropical and South Africa, Azores.

Ardisia japonica, *Blume.* China and Japan.
A. odontophylla, *Lindl.* Bot. Reg. t. 1892.
Bladhia glabra, *Thunb.*
B. japonica, *Thunb.*

Sapotaceæ.

Bumelia lanuginosa, *Pers.*; *Sargent* Silva of North America, t. 247. Southern United States, &c.
Sideroxylon lanuginosum, *Michx.*

B. lycioides, *Gaertn. f.*; *Sargent* Silva of North America, t. 248. South United States.
Sideroxylon lycioides, *L.*

Ebenaceæ.

Diospyros Kaki, *L.* Japan.

D. Lotus, *L.*; *Loud.* Arb. et Frut. Brit., 625, f. 1214. Temperate Asia (naturalized in South Europe?).
D. calycina, *Hort.*

D. virginiana, *L.*; *Sargent* Silva of North America, t.t. 252–3. United States.
D. concolor, *Moench.*
D. digyna, *Hort.*
D. distyla, *Hort.*

Styraceæ.

Symplocos crataegoides, *Buch-Ham.*; Garden and Forest, 1892, 89, f. 15. Himalaya to Japan.

S. japonica, *A.DC.*; *Lindl. & Paxt.* Fl. Gar[illegible]
China and Japan.
S. lucida, *Sieb. & Zucc.* Fl. Ja[illegible]

[redacted]

Symplocos paniculata, *Miq.* Japan.

S. tinctoria, *L'Herit.* Delaware to Florida and Louisiana.

Halesia corymbosa, *Nichols.* Japan.
Pterostyrax corymbosum, *Sieb. & Zucc.* Fl. Jap. t. 47.

H. diptera, *L.*; *Lodd.* Bot. Cab. t. 1172. Georgia and Florida to Louisiana.
Mohrodendron dipterum, *Britton*; *Sargent* Silva t. 249.

H. hispida, *Mast.* Gard. Chron. 1884, xxii., 176, f. 34. China and Japan.
Pterostyrax hispidum, *Sieb. & Zucc.*; Rev. Hort. 1875, 308, f. 50.

H. parviflora, *Michx.* Georgia and Florida.

H. tetraptera, *L.*; Bot. Mag. t. 910. West Virginia and Illinois to Florida.
Mohrodendron Carolinum, *Britton*; *Sargent* Silva, t.t. 257–8. Florida.

Var. **Meehani,** *Sargent* Garden and Forest, 1892, 535, f. 91.
H. Meehani, *Hort.*

Styrax americanum, *Lam.* Virginia to Florida, Louisiana and Arkansas.
Halesia parviflora, *Lindl.* Bot. Reg. t. 952 (not *Michx.*).

S. japonicum, *Sieb. & Zucc.* Fl. Jap. t. 23; *Regel* Gartenflora, t. 583. China and Japan.

S. Obassia, *Sieb. & Zucc.*; Bot. Mag. t. 7039. Japan.

S. officinale, *L.*; *Moggr.* Flora of Mentone, t. 60. South Europe, Asia Minor.

S. serrulatum, *Roxb.*; Bot. Mag. t. 5950. Eastern India.

Oleaceæ.

Jasminum floridum, *Bunge*; Bot. Mag. t. 6719. China.
J. subulatum, *Lindl.*

J. fruticans, *L.*; Bot. Mag. t. 461. Mediterranean region and Ori[illegible]
J. coll[illegible]
J. h[illegible]

[redacted]

Jasminum humile, *L.*; Bot. Reg. t. 350. Sub-tropical Himalaya.
J. chrysanthum, *Roxb.*
J. Fulleri, *Hort.*
J. pubigerum, *Hort.* (not *D. Don*).
J. Reevesii, *Hort.*
J. revolutum, *Sims* Bot. Mag. t. 1731.
J. wallichianum, *Lindl.*

J. nudiflorum, *Lindl.*; Bot. Mag. t. 4649. China and Japan.
Var. **foliis aureis.**

J. officinale, *L.*; Bot. Mag. t. 31. Persia and North-western India.
J. ochroleucum, *Hort.*
Var. **affine**, *Dippel.*
J. affine, *Royle*; Bot. Reg. xxxi., t. 26; *Carr.* Rev. Hort. 1878, 428, f. 87.
J. grandiflorum, *Hort.* (not *L.*).
Var. **foliis aureis.**

Forsythia intermedia, *Zabel*; Gartenflora, 1891, 397, f. (F. suspensa × viridissima). Garden origin.

F. suspensa, *Vahl*; Bot. Mag. t. 4995. China.
F. Fortunei, *Hort.*
F. Sieboldi, *Hort.*

F. viridissima, *Lindl.* Bot. Reg. 1847, t. 39. China.

Syringa amurensis, *Rupr.*; Garden and Forest, 1889, 271, f. 112. China, Japan, and Mandshuria.
Ligustrina amurensis, *Rupr.*; Gartenflora, 1863, t. 396.

S. chinensis, *Willd.*; Nouveau Duhamel, ii., t. 63. (S. vulgaris × S. persica.) Garden origin.
S. correlata, *A. Br.*
S. dubia, *Pers.*
S. rothomagensis, *Mirb.*
Var. **metensis**, *Hort.*
Var. **rubra**, *Lodd.*
Var. **saugeana**, *Hort.*

[redacted]

Syringa Emodi, *Wall.*; Bot. Reg. xxxi., t. 6. **Himalaya.**

Var. foliis rubris.

Var. **rosea,** *Cornu*; Rev. Hort. 1888, 492, t. **North China.**
S. Bretschneideri, *Hort.*
S. villosa, *Sargent*, Garden and Forest, 1888, 521, f. 83.

Var. **variegata.**

S. japonica, *Decne.*; Garden and Forest, 1889, 295, f. 115. Japan.
Ligustrina amurensis *var.* japonica, *Maxim.*

S. Josikaea, *Jacq. f.*; Bot. Mag. t. 3278. **Transsylvania.**

S. oblata, *Lindl.*; Garden and Forest, 1888, 221, f. 39. **China.**
S. chinensis, *Blume* (not *Willd.*).

S. pekinensis, *Rupr.* Mountains of Northern China.
S. amurensis *var.* pekinensis, *Maxim.*
Ligustrina pekinensis, *Regel.*

Var. **pendula.**

S. persica, *L.*; Bot. Mag. t. 486. Afghanistan.

Var. **alba.**
S. Steencruyssii, *Hort.*

Var. **laciniata,** *Vahl*; *Lodd.* Bot. Cab. t. 1107.
S. filicifolia, *Hort.*
S. laciniata, *Mill.*
S. pteridifolia, *Hort.*
S. pinnata, *Hort.*

S. villosa, *Vahl*; Bot. Mag. t. 7064; Garden and Forest, 1888, 414, f. 67. North China.
S. pubescens, *Turcz.*
S. verrucosa, *Hort.*

S. vulgaris, *L.*; Bot. Mag. t. 183. Eastern Europe.

Many garden varieties.

†Ornus.

Fraxinus bungeana, *DC.*; Garden and Forest, 1894, 5, f. 1.
China and [illegible]n.
F. chinensis, [illegible]

[redacted]

Fraxinus bungeana—*cont.*

F. floribunda, *Bunge* (not *Wall.*).
F. obovata, *Blume.*
F. Ornus *var.* bungeana, *Hance.*

F. dipetala, *Hook. & Arn.*; *Sargent* Silva of North America, t. 261. California.
Ornus dipetala, *Nutt.*

F. floribunda, *Wall.* Himalaya.
Ornus floribunda, *A. Dietr.*

F. longicuspis, *Sieb. & Zucc.* Japan.

F. Mariesii, *Hook. f.* Bot. Mag. t. 6678. China.

F. Ornus, *L.*; *Bentl. & Trim.* Medicinal Plants, t. 170. Mediterranean region and Orient.
F. florifera, *Scop.*
F. paniculata, *Mill.*
Ornus europaea, *Pers.*; *Loud.* Arbor. et Frut. Brit. 652, f. 1266.

Var. **angustifolia.**

Var. **latifolia**, *Ait.*; *Wats.* Dendr. Brit. t. 107.
F. rotundifolia, *Hort.* (not *Lam.*).
F. Theophrasti, *Hort.*
Ornus rotundifolia, *Hort.*
Ornus Theophrasti, *Hort.*

Var. **variegata.**

F. raibocarpa, *Regel*; *Dippel* Laubholzk. i., 93, f. 50. Turkestan.

F. rotundifolia, *Lam.*; *Dippel* Laubholzk. i. 61, f. 25. South Europe, &c.
F. argentea, *Loisel.*
F. mannifera, *Hort.*
Ornus rotundifolia, *Pers.*

F. sieboldiana, *Blume*; *Dippel* Laubholzk. i., 63, f. 27. Japan.

[redacted]

††FRAXINASTER.

Fraxinus americana, *L.*; *Sargent* Silva of North America, t.t. 268, 269. North America.
F. acuminata, *Lam.*
F. alba, *Marsh.*
F. canadensis, *Gaertn.*
F. cinerea, *Bosc.*
F. curvidens, *Hort.*
F. discolor, *Muhl.*
F. epiptera, *Michx.*
F. glauca, *Hort.*
F. juglandifolia, *Lam.*
F. mixta, *Bosc.*
F. pannosa, *Bosc.*

Var. **microcarpa**, *A. Gray.*
F. albicans, *Buckl.*
F. americana *var.* epiptera, *C. Koch.*
F. americana longifolia, *Hort.*
F. Curtissii, *Vasey.*
F. lancea, *Bosc.*
F. Novae-Angliae, *Hort.*

Var. **aucubaefolia**, *Hort.*

Var. **foliis argenteis variegatis.**

F. angustifolia, *Vahl*; *Dippel* Laubholzk. i., 91, f. 48. South Europe, &c.
F. australis, *J. Gay.*
F. calabrica, *Hort.*
F. chinensis, *Lodd.* (not *Roxb.*).
F. excelsior *var.* australis, *Gay.*
F. excelsior *var.* salicifolia, *Hort.*
F. lucida, *Hort.*
F. oxycarpa, *Willd.*
F. oxyphylla, *Bieb.*
F. rostrata, *DC.*
F. salicifolia, *Hort.*

F. anomala, *Torr.*; *Sargent* Silva of North America, t. Utah.

Fraxinus berlandieriana, *DC.*; *Sargent* Silva of North America, t. 273. Southern Mexico.
F. americana *var.* berlandieriana, *Wesmael.*
F. pubescens *var.* Lindheimeri, *Wenzig.*
F. trialata, *Buckl.*
F. viridis *var.* berlandieriana, *Torr.*

F. caroliniana, *Mill.*; *Sargent* Silva of North America, t.t. 274–5. Southern United States.
F. americana, *Marsh.* (not *Lam.*).
F. cubensis, *Griseb.*
F. curvidens, *Hoffmgg.*
F. nigra *var.* caroliniana, *Wesmael.*
F. nigrescens, *Buckl.*
F. Nuttallii, *Buckl.*
F. pallida, *Bosc.*
F. pauciflora, *Nutt.*
F. platycarpa, *Michx.*
F. pubescens, *Bosc* (not *Lam.*).
F. triptera, *Nutt.*

F. chinensis, *Roxb.* China.

F. dimorpha, *Coss. & Dur.* North Africa.
F. incana, *Carr.*
F. xanthophylla, *Hort.*
F. xanthoxyloides, *Hort.*

Var. **dumosa**, *Carr.*

F. Elonza, *Dippel* Laubholzk. i., 87, f. 46. Origin uncertain.

F. excelsior, *L.*; *Syme* Engl. Bot. t. 1402. Europe, North Africa.

Var. **amarissima**, *Dippel.*
F. amarissima, *Hort.*

Var. **angustifolia**, *Loud.*
F. heterophylla, *Hort.* (not *Vahl*).
F. salicifolia, *Hort.* (in part).

Var. **aurea**, *Loud.*
F. aurea, *Pers.*

Var. **aurea pendula**, *Hort.*

Var. **cortice variegato.**

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Fraxinus excelsior—*cont.*

Var. **crispa**, *Loud.*
F. americana crispa, *Hort.*
F. atrovirens, *Desf.*
F. coriacea, *Hort.*
F. crispa, *Bosc.*
F. excelsior *var.* atrovirens, *Dippel.*
F. excelsior *var.* cucullata, *Hort.*
F. glomerata, *Hort.*
F. nigra, *Hort.* (not *Marsh.*).

Var. **foliis argenteis.**

Var. **fungosa**, *Lodd.*

Var. **globosa**, *Hort.*

Var. **heterophylla**, *Loud.* Arb. et Frut. Brit. C43, f. 1249.
F. excelsior *var.* diversifolia, *Ait.*
F. heterophylla, *Vahl.*
F. integrifolia, *Hort.*
F. monophylla, *Desf.*
F. rufa, *Bosc.*
F. simplicifolia, *Willd.*

Var. **heterophylla laciniata.**
F. excelsior *var.* imbricata, *Hort.*
F. monophylla laciniata, *Hort.*

Var. **lutea**, *Hort.*

Var. **monstrosa**, *Hort.*

Var. **myrtifolia**, *Hort.*
F. polemoniifolia, *Hort.*
F. viridis nobilis, *Hort.*

Var. **obliqua.**
F. obliqua, *Tausch.*

Var. **pendula**, *Ait.*

Var. **pendula Wentworthi.**

Var. **spectabilis**, *Hort.*

Var. **stricta**, *Loud.*

Var. **verticillata**, *Hort.*
F. verticillata, *Lodd.*

F. expansa, *Hort.* (F. americana × viridis ? *Koehne*).

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Fraxinus glabra, *Lawson.* (F. pennsylvanica × viridis ? *Koehne*).

F. mandshurica, *Rupr.* Corea, Mandshuria to Sachalin and Japan.

F. nigra, *Marsh.*; *Sargent* Silva of North America, t. 265.
F. americana *var.* sambucifolia, *D. J. Browne.*
F. Novae-Angliae, *Duroi.*
F. sambucifolia, *Lam.*

F. numidica, *Dippel* Laubholzk. i., 96, f. 52. North Africa.

F. oregona, *Nutt.*; *Sargent* Silva of North America, t. 276. Western United States.
F. californica, *Hort.* (in part).
F. latifolia, *Benth.*

Var. **foliis pulverulentis.**

F. parvifolia, *Lam.*; *Loud.* Arb. et Frut. Brit. 644, f. 1251. S. Europe, Orient.
F. lentiscifolia, *Desf.*
F. oxycarpa *var.* parvifolia, *Boiss.*
F. persica, *Boiss.*

Var. **pendula.**
F. lentiscifolia *var.* pendula, *Kirchn.*
F. tamariscifolia *var.* pendula, *Dippel.*

Var. **nana.**
F. lentiscifolia nana, *Hort.*
F. tamariscifolia *var.* nana, *Dippel.*

F. pennsylvanica, *Marsh.*; *Sargent* Silva of North America, t. 271. North America.
F. americana *var.* pubescens, *D. J. Browne.*
F. epiptera, *Hort.* (not *Michx.*).
F. longifolia, *Bosc.*
F. Novae Angliae, . *ll.* (not *Hort.*).
F. oblongocarpa, *B*
F. pubescens, *Lam.*
F. subvillosa, *Bosc.*
F. t nt
F. viru

Var. f

Fraxinus pennsylvanica—*cont.*

Var. **lanceolata**, *Sargent* Silva of North America, t. 272. North America.

F. caroliniana, *Willd.* (not *Mill.* nor *Lam.*).
F. expansa, *Willd.*
F. juglandifolia, *Willd.*
F. lanceolata, *Borkh.*
F. pubescens, *Torr.* (not *Lam.*).
F. viridis, *Michx.*

F. potamophila, *Herd.*; *Dippel* Laubholzk. i., 98, f. 54. Turkestan, &c.

F. quadrangulata, *Michx.*; *Sargent* Silva of North America, t. 263. United States.

F. quadrangularis, *Lodd.*
F. tetragona, *Bosc.*

F. Regelii, *Dippel* Laubholzk. i., 97, f. 53. Turkestan.

F. sogdiana, *Hort.* (not *Bunge*).

F. rhynchophylla, *Hance*; Garden and Forest, 1893, 484, f. 70. China.

F. chinensis *var.* rhyncophylla, *Hemsl.*

F. sogdiana, *Bunge*; *Dippel* Laubholzk. i., 92, f. 49. Turkestan.

F. turkestanica, *Hort.*

F. Veltheimi, *Dieck* (F. parvifolia × excelsior monophylla). Garden origin.

F. parvifolia *var.* monophylla, *Dippel.*

Fontanesia Fortunei, *Carr.* Rev. Hort. 1859, 43, f. 9. China.

F. chinensis, *Hance.*
F. philliraeoides *var.* chinensis, *Debeaux.*

F. philliraeoides, *Labill.*; *Dippel* Laubholzk. i., 102, f. 57. Asia Minor.

Var. **longifolia**, *Dippel* Laubholzk. i., 103, f. 58.

F. californica, *Hort.*

Forestiera acuminata, *Poir.*; *Dippel* Laubholzk. i., 120, f. 70. Southern Unit

F. li[illegible] *P* [illegible]r.).
Adelia [illegible]
Borya [illegible]

Phillyraea angustifolia, *L.* Mediterranean region.
P. media *var.* angustifolia; *Loud.* Arb. et Frut. Brit. 632, f. 1227.
Var. **rosmarinifolia**, *Ait.*
P. rosmarinifolia, *Mill.*

P. decora, *Boiss. & Bal.*; Gard. Chron. 1888, iv., 673, f. 96. Lazistan.
P. laurifolia, *Hort.*
P. Medwedewi, *Sredinski.*
P. vilmoriniana, *Boiss.*; Bot. Mag. t. 6800.
P. vilmoriensis, *Hort.*

P. latifolia, *L.* Mediterranean region.
P. media *var.* latifolia, *Loud.* Arb. et Frut. Brit. 633, f. 1231.
P. spinosa, *Tenore.*
Var. **ilicifolia.**
Var. **rotundifolia.**

P. media, *L.*; *Loud.* Arb. Brit. 632, f. 1226. Mediterranean region.
P. variabilis *var.* media.
Var. **buxifolia**, *Ait.*
Var. **oleaefolia**, *Ait.*
P. oleafolia, *Mill.*

Osmanthus Aquifolium, *Siebold.*; Gard. Chron. 1877, vii., 239, f. 37. Japan.
Ilex Aquifolium, *Thunb.* (not *L.*).
Olea Aquifolium, *Sieb. & Zucc.*
O. aquifolia, *Dippel.*
Var. **ilicifolius.**
Olea aquifolia *var.* ilicifolia, *Dippel* Laubholzk. i., 141, f. 89.
Var. **ilicifolius latifolius.**
Var. **ilicifolius latifolius variegatus.**
Var. **ilicifolius purpureus.**
Var. **ilicifolius variegatus.**
Var. **my** **us.**
O
Var. **ro**

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Chionanthus retusus, *Lindl. & Paxt.* Fl. Gard. iii., 85, f. 273; Gard. Chron. 1885, xxiii., 821, f. 178. China and Japan.
C. chinensis, *Maxim.*

C. virginica, *L.*; *Lodd.* Bot. Cab. t. 1264. South Pennsylvania to Florida and Texas.
C. trifida, *Moench.*

Var. **latifolia**, *Dippel.*
C. montana, *Pursh.*

Olea europaea, *L.*; *Bentl. & Trim.* Medicinal Plants, t. 172. Asia Minor and Syria (cultivated elsewhere).

Ligustrum coriaceum, *Carr.* Rev. Hort. 1874, 418, f. 56. China.
L. lucidum *var.* coriaceum, *Decne.*

L. Ibota, *Sieb.*; Garden and Forest, 1893, 425, f. 64. China, Japan and Sachalin.
L. amurense, *Hort.* (not *Carr.*).
L. ciliatum, *Sieb.*
L. obtusifolium, *Sieb. & Zucc.*
L. regelianum, *Hort.*
L. Roxburghii, *Hort.* (not *Blume*).
L. Stauntoni, *Hort.* (not *DC.*).
Daphniphyllum Roxburghii, *Hort.*

L. insulare, *Decne.* Origin uncertain.
L. angustifolium, *Hort.*
L. insulense, *Hort.*
L. linearis, *Hort.*
L. longifolium, *Hort.* (in part).
L. Stauntoni, *Hort.* (in part).

L. japonicum, *Thunb.*; *Lindl. & Paxt.* Fl. Gard. ii., 117, f. 196. China, Japan, &c.
L. bullatum, *Hort.*
L. glabrum, *Hort.*
L. kellerianum, *Hort.*
L. Kellermanni, *Van Houtte.*
L. lucidum, *Hort.* (not *Ait.*)
L. macrophyllum, *Hort.*

Ligustrum japonicum—*cont.*

L. ovalifolium, *Hort.* (not *Hassk.*)
L. Roxburghii, *Blume.*
L. Sieboldi, *Hort.*
L. spicatum, *Hort.*
L. syringaeflorum, *Hort.*

L. lucidum, *Ait.*; Bot. Mag. t. 2565. China.
L. japonicum, *Hort.* (not *Thunb.*).
L. longifolium, *Hort.* (in part).
L. magnoliaefolium, *Hort.*
L. sinense latifolium robustum, *Hort.*; Gard. Chron. 1878, x., 753, f. 125.

Var. **Alivoni**, *Hort.*

Var. **tricolor**, *Hort.*
L. japonicum tricolor, *Hort.*

Var. **aureo-variegatum**, *Hort.*
L. japonicum aureo-variegatum, *Hort.*

L. massalongianum, *Vis.*; Gard. Chron. 1881, xvi., 149, f. 33.
L. angustifolium, *Hort.* (in part).
L. japonicum, *Hort.* (in part).
L. longifolium, *Hort.* (in part).
L. myrtifolium, *Hort.*
L. rosmarinifolium, *Hort.*
L. spicatum, *Hort.* (in part).

L. ovalifolium, *Hassk.*; *Dippel* Laubholzk. i., 134, f. 84. Japan.
L. amurense, *Carr.* Rev. Hort. 1861, 352, f. 85.
L. californicum, *Hort.* (in part.)
L. japonicum, *var.* ovalifolium, *Blume.*
L. ovatum, *Hort.*
L. reticulatum, *Hort.*

Var. **foliis aureis.**
L. californicum aureum, *Hort.*
L. elegantissimum, *Hort.*

L. Quihoui, *Carr.*; Gard. Chron. 1882, xviii., 277, f. 51. China.
L. brachystachium, *Decne.*

Ligustrum sinense, *Lour.*; Gard. Chron. 1858, 621, f.; 1878. x., 365, f. 64; Garden and Forest, 1890, 213, f. 36. China.
L. californicum, *Hort.* (in part).
L. chinense, *Carr.*
L. chinense nanum, *Hort.*
L. Fortunei, *Hort.*
L. frondosum, *Hort.*
L. Ibota, *var.* villosum, *Hort.*
L. Stauntoni, *DC.*
L. villosum, *May.*

L. strongylophyllum, *Hemsl.* China.

L. vulgare, *L.* Europe, North Africa.
Var. **aureum.**
Var. **buxifolium.**
Var. **chlorocarpum**, *Loud.*
Var. **italicum.**
L. italicum, *Mill.*
L. sempervirens, *Fl. Corc.*
Var. **pendulum.**
Var. **variegatum**, *Loud.*
Var. **xanthocarpum**, *Loud.*

Apocynaceæ.

Vinca difformis, *Pourr.* South-western Europe.
V. acutiflora, *Bert.*
V. media, *Hoffmgg. & Link*; *Reichb.* Ic. Fl. Germ. 1063, f. ii.

V. major, *L.*; *Syme* Engl. Bot. t. 905. Europe, &c.
Var. **elegantissima**, *Hort.*

V. minor, *L.*; *Syme* Engl. Bot. t. 906. Europe W. Asia.
Var. **azurea.**
Var. **flore albo.**
Var. **foliis argenteis**, *Lodd.*
Var. **foliis aureis**, *Lodd.*
Var. **flore pleno.**
Var. **flore puniceo**, *Lodd.*

Trachelospermum jasminoides, *Lemaire*. China and Japan.
Malouetia asiatica, *Sieb. & Zucc.*
Parechites Thunbergii, *A. Gray*.
Rhynchospermum jasminoides, *Lindl.*; Bot. Mag. t. 4737.

Asclepiadeæ.

Araujia sericofera, *Brot*. Brazil, &c.
Physianthus albens, *Mart.*; Bot. Mag. t. 3201.

Periploca graeca, *L.*; Bot. Mag. t. 2289. South-eastern Europe, Orient.
P. maculata, *Moench*.

Metaplexis Stauntoni, *Roem. & Schult.*; *Dippel* Laubholzk. i., 160, f. 97. China, Japan, &c.
M. chinensis, *Decne*.
M. rostrata, *Turcz*.
Urostelma chinense, *Bunge*.

Marsdenia erecta, *R. Br.*; *Dippel* Laubholzk. i., 161, f. 98. Eastern Europe, Asia Minor.
Cynanchum erectum, *L*.

Loganiaceæ.

Buddleia Colvillei, *Hook. f. & Thoms.*; Bot. Mag. t. 7449. Sikkim.

B. globosa, *Hope*; Bot. Mag. t. 174. Chili, Peru.
B. capitata, *Jacq*.
B. globiflora, *Mirb*.

B. intermedia, *Carr*. (B. curviflora × lindleyana). Garden origin.

B. japonica, *Hemsl*. Japan.
B. curviflora, *André* (not *Hook. & Arn.*); Ill. Hort. xvii., t. 25.

Var. insignis.
B. insignis, *Carr*. Rev. Hort. 1878, 330, f. 76.

Buddleia lindleyana, *Fortune*; Bot. Reg. xxxii., t. 4. China and Japan.
B. salicifolia, *Hort.* (not *Vahl*).

B. paniculata, *Wall.* Afghanistan and Burma to China.
B. crispa, *Benth.*; Bot. Mag. t. 4793.

Desfontainea spinosa, *Ruiz & Pav.*; Bot. Mag. t. 4781. Chili, Peru, &c.

Boragineæ.

Ehretia acuminata, *R. Br.* Himalaya, Japan, &c.
E. serrata, *Roxb.*; Bot. Reg. t. 1097.
Cardiandra alternifolia, *Hort.* (not. *Sieb. & Zucc.*).
Cordia thyrsiflora, *Sieb. & Zucc.*

Lithospermum prostratum, *Lois.* Jour. Hort. s. 3, xxv., 404. South Europe.
L. fruticosum, *Hort.* (not *L.*).
Lithodora prostrata, *Griseb.*

Moltkia petraea, *Boiss.* Dalmatia.
Echium petraeum, *Tratt.*; Bot. Reg. 1843, t. 26.
Lithospermum petraeum, *A. DC.*; Bot. Mag. t. 5942.
L. rosmarinifolium, *Reichb.*

Convolvulaceæ.

Convolvulus Cneorum, *L.*; Bot. Mag. t. 459. South Europe.
C. argenteus, *Lam.*

Solanaceæ.

Solanum crispum, *Ruiz & Pav.*; Bot. Mag. t. 3795. Chili.

S. Dulcamara, *L.*; *Bentl. & Trimen* Medicinal Plants, t. 190. Europe, &c.

Var. flore lacteo.

Var. fructu luteo.

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Solanum jasminoides, *Paxt.* Magaz. of Botany, viii., t. 5. Brazil.
S. boerhaviaefolium, *Sendtn.*

Lycium afrum, *L.*; Bot. Reg. t. 354. Cape of Good Hope, &c.
L. purpureum, *Hort.*

L. barbarum, *L.* North Africa, &c.
L. Shawii, *Roem. & Schult.*

L. chilense, *Miers.* Chili.

L. chinense, *Mill.*; *Dippel* Laubholzk. i., 25, f. 11.; *Wats.* Dendr. Brit. t. 8. China.
L. chinense *var.* trewianum.
L. megistocarpum, *Dun.*
L. ovatum, *C. Koch* (not *Poir.*).
L. trewianum, *Roem. & Schult.*

L. europaeum, *L.*; *Dippel* Laubholzk. i., 29, f. 14. Mediterranean region.
L. mediterraneum, *Dun.*
L. salicifolium, *Mill.*

L. grevilleanum, *Gillies.* Argentina.

L. halimifolium. *Mill.* Origin uncertain.
L. barbarum, *Ait.* (not *L.*).
L. europaeum, *Gouan* (not *L.*).
L. turbinatum, *Poir.*
L. vulgare, *Dun.*
Jasminoides flaccida, *Moench.*

L. pallidum, *Miers*; Garden and Forest, 1888, 341, f. 54. New Mexico, Arizona, &c.

L. rhombifolium, *Dippel* Laubholzk. i., 24, f. 10. China.
L. barbarum, *Wats.* Dendr. Brit. t. 9. (not *L.*).
L. ovatum, *Poir.*
Jasminoides rhombifolium, *Moench.*

L. ruthenicum, *Murr.* Southern Russia, Songaria, &c.
L. tataricum, *Pall.*

Cestrum Parqui, *L'Herit.*; Bot. Mag. t. 1770. Chili.
C. virgatum, *Ruiz & Pav.*

Fabiana imbricata, *Ruiz & Pav.*; Bot. Reg. xxv., t. 59. *Peru, &c.*

Scrophularineæ.

Paulownia imperialis, *Sieb. & Zucc.*; Bot. Mag. t. 4666. Japan.
P. tomentosa, *Steud.*
Bignonia tomentosa, *Thunb.*
Incarvillea tomentosa, *Spreng.*

Pentstemon Menziesii, *Hook.* Bot. Mag. t. 6834. British Columbia, California, &c.

Var. **Lewisii,** (*Benth.*).

Var. **Scouleri,** *A. Gray.*
P. Scouleri, *Lindl.* Bot. Reg. t. 1277.

Veronica amplexicaulis, *Armstr.* Bot. Mag. t. 7370. New Zealand.

V. Andersoni, *Lindl. & Paxt.* Fl. Gard. ii., t. 38. Garden origin.

V. anomala, *Armstr.*; Bot. Mag. t. 7360. New Zealand.

V. arborea, *J. Buch.* New Zealand.

V. Armstrongii, *T. Kirk.* New Zealand.

V. azurea, *Link.* Garden origin.

V. buxifolia, *Benth.* New Zealand.

V. candida, *Lodd.* Origin uncertain.

V. carnea, *Amstr.* New Zealand.

V. Catarractae, *Forst.* New Zealand.

V. chathamica, *J. Buch.* Trans. N. Z. Inst. vii., t. 13, f. 1. New Zealand.

V. Colensoi, *Hook. f.*; Bot. Mag. t. 7296. New Zealand.

V. cupressoides, *Hook. f.* Bot. Mag. t. 7348. New Zealand.
V. salicornoides, *Hort.* (not *Hook. f.*).

Var. **variabilis,** *N. E. Br.* Gard. Chron. 1888, iii., 20, f.f. 4–7.

V. decumbens, *Armstr.* New Zealand.

Veronica Derwentia, *Andr.* Bot. Rep. t. 531. New Zealand.

V. Dieffenbachii, *Benth.* New Zealand.

V. diosmifolia, *R. Cunn.* New Zealand.

V. elliptica, *Forst.* New Zealand.
V. decussata, *Ait.*; Bot. Mag. t. 242.
V. Menziesii, *Benth.*

V. Fairfieldii, *Hook. f.* Bot. Mag. t. 7323. Garden origin.

V. fruticulosa, *L.*; Reichb. Ic. crit. x., f. 905.

V. glauco-caerulea, *Armstr.* New Zealand.

V. guthriana, *Hort.* Garden origin.

V. Hectori, *Hook. f.*; Bot. Mag. t. 7415. New Zealand.

V. hulkeana, *F. Muell.*; Bot. Mag. t. 5484. New Zealand.

V. ignota, *Waugh.* New Zealand.

V. Kirkii, *Armstr.* New Zealand.

V. lavaudiana, *Raoul*; Bot. Mag. t. 7210. New Zealand.

V. Lewisii, *Armstr.* New Zealand.

V. ligustrifolia, *A. Cunn.* New Zealand.

V. loganioides, *Armstr.*; Bot. Mag. t. 7404. New Zealand.

V. Lyallii, *Hook. f.*; Bot. Mag. t. 7338. New Zealand.

V. macrocarpa, *Vahl. var.* stricta. New Zealand.

V. macroura, *Hook. f.* New Zealand.

V. monticola, *Armstr.* New Zealand.

V. parviflora, *Vahl var.* angustifolia, *Hook. f.*; Bot. Mag. t. 5965. New Zealand.
V. angustifolia, *A. Rich.*
V. stenophylla, *Steud.*

V. pimeleoides, *Hook. f.* New Zealand.

V. pinguifolia, *Hook. f.*; Bot [illegible] t. 6147. New Zealand.
V. carno [illegible] *Hook. f.* [illegible] t. 6587 (not. Handb.
New Z [illegible]

Veronica rakaiensis, *Armstr.* New Zealand.
V. Colensoi *var.* gracilis, *Hort.*

V. salicifolia, *Forst.*; *Kirk* Forest Flora, New Zealand, t. 120.
Var. gracilis.

V. speciosa, *R. Cunn.*; Bot. Mag. t. 4057. New Zealand.

V. Traversii, *Hook. f.*; Bot. Mag. t. 6390. New Zealand.

V. vernicosa, *Hook. f.* New Zealand.

Bignoniaceæ.

Bignonia capreolata, *L.*; Bot. Mag. t. 864. South United States.
Anisostichus capreolatus, *Bur.*

Catalpa bignonioides, *Walt.* South United States.
C. arguta, *Hort.*
C. cassinaefolia, *Hort.*
C. Catalpa, *Karsten*; *Sargent* Silva of North America, t.t. 288, 289.
C. communis, *Dum.-Cours.*
C. cordifolia, *Moench.*
C. syringaefolia, *Sims* Bot. Mag. t. 1094.
Bignonia Catalpa, *L.*

Var. aurea.

Var. nana.

C. Bungei, *C. A. Mey.* China.

C. cordifolia, *Jaume* Nouv. Duham, t. 5. Western Kentucky and Tennessee, &c.
C. speciosa, *Warder*; *Sargent* Silva of North America, t.t. 290, 291.

C. cordifolia × Kaempferi. Garden origin.

C. Kaempferi, *Sieb. & Zucc.*; Bot. Mag. t. 6611. Japan.
C. bignonioides *var.* Kaempferi, *DC.*
C. Bungei, *Hort.* (not *C. A. Mey.*).
C. himalayensis, *Hort.*
C. ovata, *G. Don.*
Bignonia Catalpa, *Thunb.*

Tecoma grandiflora, *Loisel.* China and Japan.
T. chinensis, *C. Koch.*
Bignonia chinensis, *Lam.*
B. grandiflora, *Thunb.*; Bot. Mag. t. 1398.
Incarvillea grandiflora, *Poir.*

Var. **sanguinea.**
Bignonia sanguinea, *Hort.*

T. radicans, *Juss.* North America.
Bignonia radicans, *L.*; Bot. Mag. t. 485.

Eccremocarpus scaber, *Ruiz & Pav.*; Bot. Reg. t. 939. Chili.
Calampelis scaber, *D. Don.*

Selagineæ.

Globularia cordifolia, *L.*; *Jacq.* Flora Austriaca, t. 245. South Europe, &c.

Verbenaceæ.

Lippia citriodora, *H. B. & K.* South America.
Aloysia citriodora, *Orteg.*
Verbena triphylla, *L'Hérit.*; Bot. Mag. t. 367.

L. chamaedrifolia, *Steud.* Brazil.
Aloysia chamaedryfolia, *Cham.*

Rhaphithamnus cyanocarpus, *Miers*; Bot. Mag. t. 6849. Chili.
Citharexylon cyanocarpum, *Hook. & Arn.*
Duranta umbellata, *Miers.*
Poeppigia cyanocarpa, *Bertero.*

Callicarpa americana, *L.* Virginia to Texas.
Burchardia americana, *Duham.* Arb. i., iii., t. 44.

C. japonica, *Thunb.*; Gard. Chron. 1871, 173, f. 39. China, Japan, Corea.
C. longifolia, Bot. Reg. t. 864.
C. Murusaki, *Hort.*
Galphimia hirsuta. *Hort.* (not *Cav.*).

Callicarpa purpurea, *Juss.* China and Japan.
C. gracilis, *Sieb. & Zucc.*
Porphyra dichotoma, *Lour.*

Vitex Agnus-castus, *L.*; *Moggridge* Flora of Mentone, t. 14. Mediterranean region, &c.

V. incisa, *Lam.* Illustr. t. 541, f. 2. China.
V. Agnus-castus *var.* arborea, *Hort.*
V. Negundo, *Curt.* Bot. Mag. t. 364 (not *Lam.*).
V. Negundo *var.* incisa, *C. B. Clarke.*

Clerodendron foetidum, *Bunge*; Bot. Mag. t. 4880. China.
C. Bungei, *Steud.*

C. trichotomum, *Thunb.*; Bot. Mag. t. 6561. China and Japan.

Caryopteris Mastacanthus, *Schauer*; Bot. Mag. t. 6799. China and Japan.
C. incana, *Miq.*
Barbula sinensis, *Lour.*
Mastacanthus sinensis, *Endl.*
Nepeta incana, *Thunb.*
N. japonica, *Willd.*

Labiatæ.

Lavandula dentata, *L.*; Bot. Mag. t. 400. Mediterranean region.
Stoechas dentata, *Mill.*

L. pedunculata, *Cav.* Spain and Portugal.

L. Spica, *Cav.* Mediterranean region.

L. vera, *DC.*; *Bentl. & Trim.* Medicinal Plants, t. 199. Mediterranean region.
L. angustifolia, *Hayne.*
L. officinalis, *Chaix.*
L. pyrenaica, *DC.*

Elsholtzia polystachya, *Benth.* Temperate Himalaya.
Colebrookia oppositifolia, *Lodd.* Bot. Cab. t. 487.

Thymus azoricus, *Lodd.* Bot. Cab. t. 1530. Azores.

Thymus Chamaedrys, *Fries.*; *Syme* Engl. Bot. t. 1044. Europe, &c.

Var. **comosus.**
T. comosus, *Heuff.*
T. rotundifolius, *Schur.*
T. transsilvanicus, *Schur.*

Var. **montanus.**
T. collinus, *Bieb.*
T. montanus, *Waldst. & Kit.*

T. citriodorus, *Schreb.* South Europe.

T. Serpyllum, *L.*; *Syme* Engl. Bot. t. 1043. Europe, &c.

Var. **pulchellus** (*Bluff & Fingerh.*).

Var. **variegatus.**

Var. **lanuginosus.**
T. lanuginosus, *Mill.*

T. vulgaris, *L.*; *Bentl. & Trim.* Medicinal Plants, t. 205. South Europe.

T. Zygis, *L.* Spain and Portugal.
T. tenuifolius, *Mill.*

Satureia montana, *L.* Europe, &c.
S. hyssopifolia, *Bert.*
S. Kitaibeli, *Wierzb.*
S. variegata, *Host.*
Micromeria montana, *Reichb.*
M. variegata, *Reichb.*

Var. **illyrica.**
S. illyrica, *Host.*

Hyssopus officinalis, *L.* South Europe, &c.

Var. **decumbens.**
H. decumbens, *Jord. & Fourr.* Icones Fl. Eur. t. 198.

Var. **aristatus.**
H. aristatus, *Godr.*; *Jord. & Fourr.* Icones Fl. Eur. t. 196.

Micromeria graeca, *Benth.* Med[illegible]
Satureia graeca, *L.*; *Sibth.* [illegible]
S. micrantha, *Hoffmgg. & F*[illegible]

Micromeria graeca—*cont.*

S. nervosa, *Desf.*
Thymus hirtus, *Soland.*
T. micranthus, *Brot.*

M. rupestris, *Benth.* Eastern Europe.
Calamintha rupestris, *Hort.*
Melissa alba, *Waldst. & Kit.* Pl. Hung. t. 205.
Nepeta croatica, *Spreng.*
N. pumila, *Spreng.*
Satureia rupestris, *Wulf.*
S. thymifolia, *Scop.*

Salvia officinalis, *L.; Benth. & Trim.* Medicinal Plants, t. 206, South Europe.

Var. flore albo.

Var. variegata.

Rosmarinus officinalis, *L.; Benth. & Trim.* Medicinal plants, t. 207.

Phlomis fruticosa, *L.*; Bot. Mag. t. 1813. South Europe, &c.
P. ferruginea, *Hort.* (not *Tenore*).

Teucrium fruticans, *L.* South Europe, &c.
T. latifolium, *L.*; Bot. Mag. t. 245.
T. tomentosum, *Moench.*

T. Marum, *L.* South-western Europe.
T. maritimum, *Lam.*
T. subspinosum, *Pourr.*
Chamaedrys Marum, *Moench.*

T. montanum, *L.; Sibth. & Sm.* Fl. Graeca, t. 534. South Europe, &c.
T. supinum, *L.*
Polium montanum, *L.*

T. Polium, *L.; Sibth.* Fl. Graeca, t. 535. Mediterranean region.

Plantagineæ.

Plantago Cynops, *L.* South Europe.
P. genevensis, *Poir.*

Cyrilleæ.

Cyrilla racemiflora, *L.; Sargent* Silva of North America, t. 51. Florida to North Carolina, &c.
C. caroliniana, *Michr.*
C. racemosa, *Loud.*
Itea Cyrilla, *L'Hérit.*

MONOCHLAMYDEÆ.

Chenopodiaceæ.

Atriplex canescens, *James.* Western North America.

A. confertifolia, *S. Wats.* Western United States.
Obione confertifolia, *Torr.*

A. Halimus, *L.; Sibth.* Fl. Graeca, t. 962. South Europe, &c.
Chenopodium Halimus, *Thunb.*

A. Nuttallii, *S. Wats.* North-western America.

A. portulacoides, *L.; Syme* Engl. Bot. t. 1208. Europe, &c.
Obione portulacoides, *Moq.*
Halimus portulacoides, *Dum.*

Eurotia ceratioides, *C. A. Mey.* Caucasus, Asia Minor, &c.

Suaeda fruticosa, *Forsk; Syme* Engl. Bot. t 1178. Northern temperate regions.
Chenopodium fruticosum, *L.*
Cochliospermum fruticosum, *Lag.*
Salsola fruticosa, *L.*
Schoberia fruticosa, *C. A. Mey.*

Phytolaccaceæ.

Ercilla volubilis, *A. Juss.* Chili, Peru, &c.
E. spicata, *Moq.; Hook.*, Bot. Misc. iii., 169, f. 102.
Bridgesia spicata, *Hook. & Arn.*
Galvesia spicata, *Bert.*

Polygo[illegible]

Eriogonum rubescens, *Greene*

Eriogonum suffruticosum, *S. Wats.* Texas.

E. umbellatum, *Torr.* Colorado to Oregon and California.

Atraphaxis buxifolia, *Jaub. & Spach.* Caucasus.
Polygonum buxifolium, *Bieb.*
P. caucasicum, *Hoffm.*
P. crispulum, *Sims.* Bot. Mag. t. 1065.
Tragopyrum buxifolium, *Bieb.*

A. lanceolata, *Bunge.* Temperate Asia.
Tragopyrum lanceolatum, *Bieb.*
Polygonella lanceolata, *Meisn.*

A. Muschketowi, *Krassn.; Bot. Mag.* t. 7435. Central Asia.
Tragopyrum lanceolatum *var.* latifolium, *Regel* Gartenflora, t. 1344.

A. spinosa, *L.* Orient.
Tragopyrum spinosum, *Presl.*

Muehlenbeckia adpressa, *Meisn.* Australia.
Polygonum adpressum, *Labill.*; Bot. Mag. t. 3145.

M. complexa, *Meisn.* New Zealand.

M. varians, *Meisn.* Origin uncertain.
M. varium, *Hort.*

Brunnichia cirrhosa, *Banks.* Southern United States.
Rayania ovata, *Walt.*
Polygonum claviculatum, *Hort.*

Aristolochiaceæ.

Aristolochia californica, *Torr.* California.

A. altissima, *Desf.*; Bot. Mag. t. 6586. Sicily and Algeria.

A. Sipho, *L'Hérit.*; Bot. Mag. t. 534. United States.
A. frutescens, *Marsh.*
A. macrophylla, *Lam.*
Siphisia Sipho, *Klotzsch.*

A. tomentosa, *Sims* Bot. Mag. t. 1369. Southern United States.
A. hirsuta, *Muhl.*
Siphisia tomentosa, *Rafin.*

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Chloranthaceæ.

Chloranthus brachystachys, *Blume.* China, Japan, &c.

Laurineæ.

Cinnamomum Loureirii, *Nees.* Cochin China.

Persea Lingue, *Nees.* Chili.
Laurus Lingue, *Ruiz & Pav.*

Sassafras officinale, *Nees.* United States.
S. albidum, *Nees.*
S. Sassafras, *Karst.; Sargent* Silva of North America, t.t. 304–5.
S. variifolium, *O. Kunze.*
Laurus albida, *Nutt.*
L. diversifolia, *Stokes.*
L. Sassafras, *L.; Loud.* Arb. et Frut. Brit. 684, f. 1333.
L. variifolia, *Salisb.*
Persea Sassafras, *Spreng.*
Tetranthera albida, *Spreng.*

Litsaea geniculata, *Benth. & Hook. f.* Southern United States.
Laurus geniculata, *Michx.*; Bot. Mag. t. 1471.
Tetranthera geniculata, *Nees.*

L. japonica, *Mirb.* China, Japan, &c.
Tetranthera japonica, *Spreng.; Sieb. & Zucc.* Fl. Jap. t. 87.
Tomex japonica, *Thunb.*

Umbellularia californica, *Nutt.* California.
Drimophyllum pauciflorum, *Nutt.*
Oreodaphne californica, *Nees.*; Bot. Mag. t. 5320.
Tetranthera californica, *Hook. & Arn.*

Lindera Benzoin, *Blume.* United States.
Benzoin odoriferum, *Nees.*
B. aestivale, *Nees.*
Laurus aestivalis, *L.*
L. Benzoin, *L.*

L. glauca, *Blume.* Japan.

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Lindera hypoglauca, *Maxim.* Japan.

L. obtusiloba, *Blume*; Garden and Forest, 1893, 295, f. 42. Japan.

L. sericea, *Blume.* Japan.
Benzoin sericeum, *Sieb. & Zucc.*

Laurus nobilis, *L.; Bentl. & Trim.* Medicinal Plants, t. 221. Mediterranean region.

Var. **angustifolia.**

Proteaceæ.

Grevillea rosmarinifolia, *A. Cunn.*; Bot. Mag. t. 5971. New South Wales.

G. juniperina, *R. Br. var.* **sulphurea**, *Benth.* New South Wales.
G. sulphurea, *A. Cunn.; Lodd.* Bot. Cab. t. 1723.

Thymelæaceæ.

Daphne alpina, *L.; Lodd.* Bot. Cab. t. 66. South Europe.
D. candida, *Vitm.*
Thymelaea alpina, *All.*
T. candida, *Scop.*

D. blagayana, *Freyer*; Garden, 1878, xiv., 200, t. 143. Carniolia.

D. caucasica, *Pall.*; Bot. Mag. t. 7388. Caucasus.
D. euphorbioides, *Pusch.*
D. salicifolia, *Lam.*

D. Cneorum, *L.*; Bot. Mag. t. 313. South Europe, &c.
D. odoratum, *Lam.*
Thymelaea Cneorum, *Scop.*

Var. **majus.**

D. Dauphini, *Hort.* (D. sericea × odora). Garden origin.
D. Delphini, *Hort.*
D. Delphinium, *Hort.*
D. hybrida, *Lindl.* Bot. Reg. t. 1177.
D. hyemalis, *Hort.*

Daphne Genkwa, *Sieb. & Zucc.* Fl. Jap. i. 137, t. 75. China and Japan.
D. Fortunei, *Lindl.*

D. Laureola, *L.; Bentl. & Trim.* Medicinal Plants, t. 226. Europe, North Africa, West Asia.
D. major, *Lam.*
Thymelaea Laureola, *Scop.*

Var. Philippi.
D. Philippi, *Gren. & Godr.* Pyrenees.

Var. purpurea.
D. houtteana, *Planch.*
D. Mezereum foliis atropurpureis. Flore des Serres, vi., t. 592.
D. Mezereum *var.* atropurpurea, *Dippel.*

D. Mezereum, *L.; Bentl. & Trim.* Medicinal plants, t. 225. Europe, Siberia.
Mezereum officinarum, *C. A. Mey.*
Thymelaea Mezereum, *Scop.*
T. praecox, *Gilib.*

Var. flore albo. Garden, 1886, xxix., 602, t. 550.

Var. flore albo pleno. Garden, 1886, xxix., 602, t. 550.

Var. grandiflora.
D. autumnalis, *Hort.*

D. odora, *Thunb.*; Bot. Mag. t. 1587. China and Japan.
D. indica, *Loisel.* (not *L.*).
D. japonica, *Sieb. & Zucc.*
D. sinensis, *Lam.*

D. oleoides, *Schreb.*; Bot. Mag. t. 1917. South Europe, &c.
D. Cneorum maximum, *Hort.*
D. collina *var.* neapolitana, *Lindl.* Bot. Reg. t. 822.
D. delahayana, *Hort.*
D. fioniana, *Hort.*
D. neapolitana, *Lodd.*

Var. elegantissima, *Hort.*
D. neapolitana elegantissima, *Hort.*

D. petraea, *Leybold; Dippel* Laubholzk. iii., 196, f. 102. Tyrol.
D. rupestris, *Facch.*

Daphne pontica, *L.*; Bot. Mag. t. 1282. Orient.

D. sericea, *Vahl.* South Europe.
D. alpina, *Savi* (not *L.*).
D. australis, *Cyr.*; Bot. Reg. xxiv., t. 56.
D. collina, *Sm.*; Bot. Mag. t. 428.

D. striata, *Tratt.* Europe.

Dirca palustris, *L.*; Bot. Reg. t. 292. North America.

Edgeworthia chrysantha, *Lindl.* Bot. Reg., 1847, t. 48. China, Japan.

Wikstroemia canescens, *Meissn. var.* **Ganpi**, *Miq.* Japan.
Passerina Ganpi, *Sieb. & Zucc.*
Stellera japonica, *Sieb.*

Elæagnaceæ.

Elaeagnus angustifolia, *L.*; Bot. Reg. t. 1156. Mediterranean region and Orient.
E. argentea, *Moench* (not *Pursh*).
E. flava, *Hort.*
E. hortensis, *Bieb.*
E. incana, *Lam.*
E. songorica, *Fisch.*
E. spinosa, *L.*

E. argentea, *Pursh; Wats.* Dendr. Brit. ii., t. 161. North America.
Shepherdia argentea, *Hort.* (not *Nutt.*).

E. glabra, *Thunb.* China, Japan, &c.
E. tenuiflora, *Benth.*

E. macrophylla, *Thunb.* China and Japan.

E. multiflora, *Thunb.*; Bot. Mag. t. 7341. China, Japan.
E. crispa, *Thunb.*
E. edulis, *Sieb.*
E. longipes, *A Gray*; Gard. Chron., 1873, 1114, f. 206.
E. odorata edulis, *Hort.*
E. rotundifolia, *Gagn.*

E. orientalis, *L.; Pallas* Flora Rossica, t. 5. Orient.
E. sativa, *Hort.*
E. tomentosa, *Moench.*

Elaeagnus pungens, *Thunb.* China and Japan.
E. reflexa, *E. Morr. & Decne.*
E. sinensis, *Hort.*

Var. **aurea**, *Hort.*

Var. **Simonii.**
E. Simonii, *Carr.*

Var. **tricolor**, *Hort.*

Var. **variegata**, *Hort.*

E. umbellata, *Thunb.* Japan.
E. japonica, *Hort.*
E. latifolia, *Hort.* (not *L.*).
E. longipes crispa, *Hort.*
E. parvifolia, *Wall.*; Bot. Reg. xxix., t. 51.

Hippophae rhamnoides, *L.* Gardeners' Magazine, 1894, 791, f. Europe, Temperate Asia.
Osyris rhamnoides, *Scop.*

Var. **angustifolia.**

Var. **taurica.**

H. salicifolia, *D. Don.* Himalaya.

Shepherdia argentea, *Nutt.*; Gartenflora, 1889, 626, f. North America.
Hippophae argentea, *Pursh.*
Lepargyrea argentea, *Greene.*

S. canadensis, *Nutt.* North America.
Hippophae canadensis, *L.*
Lepargyrea canadensis, *Greene.*

Loranthaceæ.

Viscum album, *L.*; Gard. Chron. 1873, 1703, f. 340; Garden, 1872, ii., 536, ff. Europe, N. Asia.

Santalaceæ.

Buckleya distichophylla, *Torr.*; Garden and Forest, 1890, 236, f. 37. North Carolina.
Borya distichophylla, *Nutt.*

Euphorbiaceæ.

Securinega ramiflora, *Muell. Arg.* Eastern Asia.
Flueggea suffruticosa, *Baill.*
Geblera suffruticosa, *Fisch. & Mey.*
Phyllanthus ramiflorus, *Pers.*
Xylophylla ramiflora, *Ait.*

Sarcococca hookeriana, *Baill.*; Garden, 1884, xxv., 359, f., Himalaya.

Buxus balearica, *Lam.* Balearic Islands.
B. sempervirens *var.* gigantea; Nouv. Duham. i., 82, t. 23.

B. Harlandi, *Hance.* China.

B. japonica, *Muell. Arg.* Japan.

B. microphylla, *Sieb. & Zucc.* Japan.

B. sempervirens, *L.; Syme* Engl. Bot. t. 1252. Europe, N. Africa, N. & W. Asia.

Var. **arborescens**, *Loud.*
B. arborescens, *Mill.*

Var. **argentea**, *Hort.*
B. argenteo-marginata, *Hort.*

Var. **aurea maculata**, *Hort.*

Var. **aurea pendula**, *Hort.*

Var. **aureo-marginata**, *Hort.*

Var. **elegantissima**, *Hort.*

Var. **Handsworthii**, *Hort.*

Var. **latifolia**, *Hort.*

Var. **latifolia maculata**, *Hort.*

Var. **longifolia**, *Hort.*

Var. **myosotifolia**, *Hort.*

Var. **myrtifolia**, *Loud.*
B. myrtifolia, *Lam.*
B. sempervirens *var.* leptophylla, Nouv. Duham. i., *23, f. 3.*

Buxus sempervirens—*cont.*

Var. **navicularis.**
B. navicularis, *Hort.*

Var. **Ponteyi,** *Hort.*

Var. **prostrata,** *Hort.*

Var. **rosmarinifolia,** *Baill.*
B. rosmarinifolius, *Hort.*
B. thymifolia, *Hort.*

Var. **suffruticosa,** *Loud.*
B. suffruticosa, *Mill.*

B. wallichiana, *Baill.* Himalaya.
B. himalayensis, *Hort.*
B. longifolia, *Jacquem.*
B. sempervirens *var.* arborea, *Wall.*

Pachysandra procumbens, *Michx.*; Bot. Mag. t. 1964. North America.

P. terminalis, *Sieb. & Zucc.* Japan.

Daphniphyllum macropodum, *Miq.* China and Japan.
D. glaucescens, *Hort.* (not *Blume*).

Var. **jezoensis.**
D. jezoensis, *Hort.*

Var. **concolor,** *Dippel.*
D. glaucescens *var.* viridis, *Hort.*

Sapium sebiferum, *Roxb.* China and Japan.
Croton sebiferus, *L.*
Excœcaria sebifera, *Muell. Arg.*
Stillingfleetia sebifera, *Boj.*
Stillingia sebifera, *Michx.*
S. sinensis, *Baill.*

Urticaceæ.

Ulmus alata, *Michx.*; *Sargent* Silva of North America, t. 313. Southern United States.
U. americana *var.* alata, *Spach.*
U. pumila, *Walt.* (not *L.*).

Ulmus americana, *L.*; *Sargent* Silva of North America, t. 311. North America.
U. alba, *Rafin.*
U. floridana, *Chapm.*
U. mollifolia, *Marsh.*
U. pendula, *Willd.*

Var. **pendula.**

U. campestris, *L.* Europe, North Africa, Siberia.
U. angustifolia, *Moench.*
U. minor, *Mill.*
U. nana, *Borkh.*
U. nemorosa, *Borkh.*
U. nuda, *Ehrh.*
U. suberosa, *Ehrh.*
U. suberosa *var.* genuina, *Syme* Engl. Bot. t. 1285.

Var. **antarctica**, *Hort.*

Var. **antarctica aurea**, *Hort.*
U. campestris *var.* aurea, *Morren* Belg. Hortic. 1866, 356, t. 19.
U. Rosseelsii, *Hort.*

Var. **antarctica pendula**, *Hort.*

Var. **Berardi**, *Simon-Louis* Cat. Gen. 1869, f. 7; *Dippel* Laubholzk. ii., 24, f. 7.

Var. **betulaefolia**, *Loud.*
U. betulaefolia, *Lodd.*

Var. **cretensis**, *Hort.*

Var. **erecta**, *Loud.*

Var. **gracilis**, *Hort.*

Var. **Koopmanni**, *Hort.*

Var. **latifolia variegata**, *Hort.*

Var. **microphylla pendula**, *Hort.*

Var. **modiolina**, *Hort.*

Var. **myrtifolia**, *Hort.*
U. buxifolia, *Hort.*

Var. **pendula nova**, *Hort.*

Var. **pyramidalis**, *Hort.*

Ulmus campestris—*cont.*-

Var. **sarniensis**, *Loud.*
U. sarniensis, *Lodd.*

Var. **suberosa**, *Loud.*
U. suberosa, *Moench.*

Var. **suberosa pendula**, *Hort.*

Var. **tortuosa**, *Loud.*
U. tortuosa, *Lodd.*

Var. **umbraculifera**, *Trautv.*

Var. **variegata**, *Hort.*

Var. **variegata nova**, *Hort.*

Var. **viminalis**, *Loud.*
U. viminalis, *Lodd.*

Var. **viminalis stricta**, *Hort.*

Var. **viminalis variegata**, *Hort.*

Var. **viscosa**, *Hort.*

Var. **webbiana**, *Hort.*

U. crassifolia, *Nutt.*; *Sargent* Silva of North America, t. 315.
Arkansas, Texas, &c.
U. opaca, *Nutt.*

U. elliptica, *C. Koch*; *Dippel* Laubholzk. ii. 31, f. 9. Turkestan.
U. Heyderi, *Spaeth.*
U. longifolia, *Hort.*
U. sibirica, *Hort.*

U. fulva, *Michx.*; *Sargent* Silva of North America, t. 314.
North America.
U. americana *var.* fulva, *Loud.*
U. americana *var.* rubra, *Ait.*
U. rubra, *Michx.*

Var. **pendula.**

U. glabra, *Mill.* Europe.
U. campestris *var.* laevis, *Spach.*
U. carpinifolia, *Lindl.*
U. inaequalis, *Bosc.*

Ulmus glabra—*cont.*

U. montana *var.* glabra, *Loud.*
U. nitens, *Moench.*
U. suberosa *var.* glabra, *Syme* Engl. Bot. t. 1286.

Var. **cornubiensis.**
U. campestris *var.* cornubiensis, *Loud.*
U. stricta, *Lindl.*

Var. **pendula,** *Nichols.*

Var. **pendula nova,** *Hort.*
U. campestris pendula nova, *Hort.*

U. montana, *With.*; *Syme* Engl. Bot. t. 1287. Europe, North Asia.
U. alba, *Waldst. & Kit.*
U. fulva, *Hort.* (not *Michx.*).
U. major, *Sm.*
U. scabra, *Mill.*

Var. **atropurpurea,** *Hort.*

Var. **aurea,** *Hort.*
U. campestris *var.* aurea, *Hort.*

Var. **cinerea,** *Lavall.*
U. cinerea, *Hort.*

Var. **crispa,** *Loud.*
U. adiantifolia, *Hort.*
U. asplenifolia, *Hort.*
U. campestris *var.* crispa, *Desf.*
U. campestris *var.* urticaefolia, *Hort.*
U. crispa, *Willd.*
U. effusa crispa, *Hort.*
U. effusa cristata, *Hort.*
U. urticaefolia, *Hort.*

Var. **cucullata,** *Hort.*

Var. **Dauvessei,** *Hort.*
U. campestris *var.* Dauvessei, *Hort.*

Var. **Dovaei,** *Hort.*
U. campestris *var.* Dovaei, *Hort.*
U. scabra *var.* Dovaei, *Hort.*

Var. **etrusca,** *Hort.*
U. campestris *var.* etrusca, *Hort.*

Ulmus montana—*cont.*

Var. **fastigiata**, *Loud.*
U. Dampieri, *Hort.*
U. exoniensis, *Hort.*
U. Fordi, *Hort.*
U. glabra replicata, *Hort.*
U. montana *var.* pyramidalis, *C. Koch.*
U. ohioensis, *Hort.*
U. plumosa, *Hort.*

Var. **fastigiata aurea**, *Hort.*
U. Dampieri aurea, *Hort.*
U. Dampieri Wredei, *Hort.*
U. Wredei, *Hort.*

Var. **laciniata**, *Trautv.*
U. intermedia, *Hort.*
U. montana *var.* tiliaefolia, *Hort.*
U. montana *var.* tricuspis, *Dippel.*
U. montana *var.* tridens, *Hort.*
U. montana *var.* triserrata, *Hort.*
U. triserrata, *Hort.*

Var. **latifolia nigricans**, *Hort.*

Var. **libero rubro**, *Hort.*

Var. **lutescens**, *Dippel.*
U. campestris *var.* lutescens, *Dieck.*

Var. **macrophylla**, *Hort.*
U. campestris *var.* macrophylla, *Spach.*

Var. **macrophylla fastigiata**, *Hort.*

Var. **nana.**
U. latifolia nana, *Hort.*

Var. **nigra**, *Loud.*
U. nigra, *Lodd.*

Var. **pendula**, *Loud.* Arb. & Frut. Brit. 721, f. 1388.
U. americana pendula, *Hort.*
U. fulva pendula, *Hort.*
U. glabra decumbens, *Hort.*
U. glabra pendula, *Hort.*
U. horizontalis, *Hort.*

Var. **pendula variegata**, *Hort.*

Ulmus montana—*cont.*

Var. **Pitteursii**, *Hort.*
U. scabra *var.* Pitteursii, *Hort.*

Var. **Pitteursii pendula**, *Hort.*

Var. **purpurea.**
U. corylifolia purpurea, *Hort.*

Var. **scotica**, *Hort.*

Var. **serpentina**, *Hort.*

Var. **superba**, *Hort.*

Var. **vegeta**, *Loud.*
U. glabra *var.* vegeta, *Dippel.*

U. parviflora, *Jacq.*; *Dippel* Laubholzk. ii., 35, f 11. China and Japan.
U. campestris *var.* chinensis, *Hort.*
U. chinensis, *Pers.*
U. pumila, *Hort.* (not *L.*).
U. virgata, *Roxb.*
Microptelea parvifolia, *Spach.*
Planera parvifolia, *Sweet.*

U. pedunculata, *Fouger.* Europe, &c.
U. ciliata, *Ehrh.*
U. effusa, *Willd.*; *Loud.* Arb. & Frut. Brit. 720, f. 1397.
U. laevis, *Pall.*
U. octandra, *Schkuhr.*
U. racemosa, *Borkh.* (not *D. Thomas*).

U. pinnato-ramosa, *Dieck.* Siberia.

U. pumila, *L.* Northern Asia.
U. microphylla, *Pers.*

U. racemosa, *D. Thomas*; *Sargent* Silva of North America, t. 312. North America.

U. turkestanica, *Regel.* Turkestan.

Zelkowa acuminata, *Planch.* Japan.
Z. Keaki, *Maxim.*; *Dippel* Laubholzk. ii., 41, f. 15.
Planera acuminata, *Lindl.*
P. japonica, *Miq.*
Ulmus Keaki, *Sieb.*
U. monumentalis, *Hort.*

Zelkowa crenata, *Spach*. Caucasus.
Z. carpinifolia, *Dippel*.
Abelicea ulmoides, *O. Kuntze*.
Planera carpinifolia, *Wats*. Dendr. Brit. ii., t. 106.
P. crenata, *Desf*.
P. Gmelini, *Hort*. (not *Michx*.).
P. Richardi, *Michx*.
Ulmus polygama, *Rich*.

Var. **pendula**, *Hort*.

Z. Verschaffelti, *Dippel* Laubholzk. ii., 40, f. 14 East Asia.
Z. japonica *var*. Verschaffelti, *Hort*.
Ulmus pendula laciniata Pitteursii, *Hort*.
Ulmus Verschaffelti, *Hort*.

Celtis australis, *L*.; *Wats*. Dendr. Brit. ii., t. 105. Mediterranean region.
C. serrata, *Hort*.

C. caucasica, *Willd*. Caucasus, &c.

C. glabrata, *Stev*. Orient, &c.
C. caucasica, *Hohen*. (not *Stev*.).
C. glabra, *Hort*. (not *Planch*.).
C. kotschyana, *Stev*.
C. Tournefortii *var*. glabrata, *Boiss*.

C. japonica, *Planch*. Japan.

C. mississippiensis, *Bosc*; *Sargent* Silva of North America, t. 318. South United States.
C. Berlandieri, *Klotzsch*.
C. laevigata, *Willd*.
C. Lindheimeri, *C. Koch*.
C. occidentalis, *Sargent*, Garden and Forest, iii., 39 (in part), f.f. 9, 10, 11.
C. texana, *Scheele*.

C. occidentalis, *L*.; *Sargent* Silva of North America, t. 317. North America.
C. americana, *Hort*. (not *L*.).
C. audibertiana, *Spach*.
C. cordata, *Pers*.
C. crassifolia, *Lam*.

Celtis occidentalis—*cont.*

C. Douglasii, *Planch.*
C. obliqua, *Moench.*
C. procera, *Salisb.*
C. reticulata, *Cooper* (not *Torr.*).
Ulmus cordata, *Hort.*

Var. **grandidentata**, *Dippel.*
C. grandidentata, *Tenore.*

C. Tournefortii, *Lam.* Orient.
C. glabrata, *Hort.* (not *Stev.*).
C. orientalis, *Mill.*

Aphananthe aspera, *Planch.* Japan and China.
Celtis Muku, *Sieb. & Zucc.*
Homoiceltis aspera, *Blume.*
Sponia nudiflora, *Sieb. & Zucc.*
Prunus aspera, *Thunb.*

Broussonetia Kaempferi, *Sieb.* Japan.
Morus Kaempferi, *Seringe.*

B. Kazinoki, *Sieb.* Japan.

B. papyrifera, *Vent.*; Bot. Mag. t. 2358. China, Japan, Polynesia, &c.
Morus papyrifera, *L.*
Papyrius japonica, *Poir.*

Var. **cucullata**, *Loud.*
B. cucullata, *Hort.*
B. navicularis, *Lodd.*
B. spathulata, *Hort.*

Var. **laciniata**, *Seringe.*
B. dissecta, *Hort.*
B. heterophylla, *Hort.*

Var. **macrophylla**, *Hort.*

Maclura aurantiaca, *Nutt.*; Gard. Chron. 1894, xvi., 693, f. 88. South United States.
M. Calcargothi, *Hort.* (not *A. Cunn.*).
Broussonetia tinctoria, *Torr.* (not *Kunth*).
Toxylon pomiferum, *Rafin.*; *Sargent* Silva of North America, t.t. 322, 323.

Morus alba, *L.* Temperate and subtropical Asia.
M. alpina, *Hort.*

Var. **Colombassa**, *Seringe* Description . . . des Muriers, t. 14.
M. serotina, *Mart.*

Var. **constantinopolitana**, *Loud.*; *Dippel* Laubholzk, ii., 11, f. 2.
M. constantinopolitana, *Poir.*
M. byzantina, *Sieber.*

Var. **Gasparini**, *Hort.*

Var. **heterophylla**, *Hort.*

Var. **italica**, *Loud.*
M. italica, *Poir.*

Var. **laciniata**, *Hort.*
M. nigra laciniata, *Hort.*

Var. **latifolia**, *Bur.*
M. alba *var.* Lhow, *Seringe.*
M. alba *var.* multicaulis, *Loud.*
M. chinensis, *Lodd.*
M. intermedia, *Perottet.*
M. latifolia. *Poir.* (not *Hort.*).
M. multicaulis, *Perottet.*
M. sinensis, *Hort.*
M. tatarica, *Desf.*

Var. **macrophylla**, *Loud.*
M. alba *var.* latifolia, *Hort.* (not *Poir.*).
M. alba var. Moretti, *Seringe.*
M. hispanica, *Hort.*
M. macrophylla, *Moretti.*
M. Moretti, *Audib.*
M. morettiana, *Jacq.*
M. neapolitana, *Hort.*

Var. **pendula**, *Hort.*

Var. **pumila**, *Loud.*
M. alba *var.* nana, *Hort.*
M. pumila, *Balb.*

Var. **rosea**, *Seringe.*
M. lucida, *Hort.*

Morus alba—*cont.*

Var. **stylosa**, *Bureau.*
M. japonica, *Audib.*

Var. **Tokwa**, *Bur.*
M. Tokwa, *Sieb.*

Var. **urticaefolia**, *Hort.*

Var. **venosa**, *Delile*; *Dippel* Laubholzk. ii., 13, f. 4.
M. alba *var.* fibrosa, *Seringe.*
M. alba *var.* nervosa, *Lodd.*
M. nervosa, *Hort.*

M. nigra, L.; *Wats.* Dendr. Brit. ii., t. 159. Native country unknown.

M. rubra, *L.*; *Sargent* Silva of North America, t. 320. North America.
M. canadensis, *Poir.*
M. missouriensis, *Audib.*
M. pensylvanica, Nois.
M. scabra, *Willd.*
M. virginica, *Duham.*

Ficus Carica, *L.*; Trans. Linn. Soc. ser. ii., iii., t. 46. Afghanistan, Eastern Persia.
F. communis, *Lam.*
F. hirta, *Hort.* (not *Vahl*).

Cudrania triloba, *Hance*; Icones Plantarum t. 1792. China.
C. tricuspidata, *Bureau.*
Maclura tricuspidata, *Carr.* Rev. Hort. 1864, 390, f. 37; 1872, 56, f. 7.

Plataneæ.

Platanus acerifolia, *Willd.* Orient.
P. algeriensis, *Hort.*
P. californica, *Hort.* (not *Benth.*).
P. hispanica, *Tenore.*
P. integrifolia, *Hort.*
P. intermedia, *Hort.*
P. macrophylla, *Cree.*
P. occidentalis, *Wats.* Dendr. Brit. t. 100 (not *L.*).

latanus acerifolia—*cont.*

P. orientalis *var.* acerifolia, *Loud.* Arb. Brit. 928, f. 1733.
P. pyramidalis, *Hort.*
P. racemosa, *Hort.* (not *Nutt.*).
P. vulgaris *var.* acerifolia, *Hort.*

Var. **Süttneri**, *Hort.*
P. occidentalis Süttneri, *Hort.*

. **cuneata**, *Willd.* Orient.
P. digitata, *Gord.*
P. nepalensis, *Hort.*
P. nepalensis laciniata, *Hort.*
P. orientalis *var.* cuneata, *Loud.* Arb. Brit. 929, f. 1734.
P. palmata superba, *Hort.*

occidentalis, *L.*; *Sargent* Silva of North America, t.t. 326, 327. North America.
P. vulgaris *var.* angulosa, *Spach.*

orientalis, *L.*; *Wats.* Dendr. Brit. t. 101; *Sibth.* Flora Graeca, t. 945. Orient.
P. heterophylla, *Hort.*
P. liquidambarifolia, *Hort.*
P. vitifolia, *Hort.*
P. vulgaris, *Spach.*

Juglandeæ.

rya alba, *Nutt.*; *Loud.* Arb. Brit. iii., 1446, f. 1269. North America.
C. ovata, *C. Koch.*
Hicoria ovata, *Britton*; *Sargent* Silva of North America, t.t. 346, 347.
Juglans ovata, *Mill.*
J. squamosa, *Michx. f.*

amara, *Nutt.* North America.
Hicoria minima, *Britton*; *Sargent* Silva of North America, t.t. 340, 341.
Juglans alba *var.* minima, *Marsh.*
J. amara, *Michx. f.*
J. angustifolia, *Poir.*
J. cordiformis, *Wangenh.*

Carya myristicaeformis, *Nutt.* Southern United States.
Hicoria myristicaeformis, *Britton*; *Sargent* Silva of North America, t.t. 342, 343.
H. fernowiana, *Sudworth.*
Juglans myristicaeformis, *Michx. f.*

C. olivaeformis, *Nutt.* Southern United States.
C. angustifolia, *Sweet.*
C. illinoensis, *C. Koch.*
C. tetraptera, *Liebm.*
Hicoria Pecan, *Britton*; *Sargent* Silva of North America, t.t. 338, 339.
Juglans cylindrica, *Poir.*
J. illinoinensis, *Wangenh.*
J. olivaeformis, *Michx.*
J. Pecan, *Marsh.*

C. porcina, *Nutt.* North America.
C. amara *var.* porcina, *Darby.*
C. glabra, *Spach.*
C. obcordata, *Sweet.*
Hicoria glabra, *Britton*; *Sargent* Silva of North America, t.t. 352, 353.
Juglans glabra, *Mill.*
J. obcordata, *Muehlenb. & Willd.*
J. porcina, *Michx.*
J. squamosa, *Poir.* (not *Michx. f.*).

Var. **microcarpa.**
C. microcarpa, *Nutt.*
Hicoria glabra *var.* odorata, *Sargent* Silva of North America, t. 354.
H. microcarpa, *Britton.*
H. odorata, *Dippel.*
Juglans alba *var.* odorata, *Marsh.*

C. sulcata, *Nutt.*; *Loud.* Arb. Brit. iii., 1448, f. 1271. United States.
C. cordiformis, *C. Koch.*
C. pubescens, *Sweet.*
Hicoria acuminata, *Dippel.*
H. laciniosa, *Sargent* Silva of North America, t.t. 348, 349.

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Carya sulcata—*cont.*

H. sulcata, *Britton.*
Juglans laciniosa, *Michx. f.*
J. sulcata, *Pursh.*

C. tomentosa, *Nutt.*; *Loud.* Arb. Brit. iii., 1445, f. 1267. North America.
C. alba, *C. Koch.* (not *Nutt.*).
Hicoria alba, *Britton*; *Sargent* Silva of North America, t.t. 350, 351.
Juglans alba, *L.*
J. tomentosa, *Poir.*

Juglans alata, *Carr.* (J. cinerea × regia), Garden and Forest, 1894, 435, f. 69. Garden origin.

J. californica, *S. Wats.*; *Sargent* Silva of North America, t. 337. California.

J. cinerea, *L.*; *Sargent* Silva of North America, t.t. 331, 332. North America.
J. cathartica, *Michx. f.*
J. oblonga, *Mill.*
J. oblonga *var.* alba, *Marsh.*
Carya cathartica, *Barton.*

J. cordiformis, *Maxim.* Japan.

J. mandshurica, *Maxim.*; Gard. Chron. 1888, iv., 384, f. 53. Amurland.
J. regia *var.* octogona, *Carr.*

J. nigra, *L.*; *Sargent* Silva of North America, t.t. 333, 334. North America.
J. Pitteursii, *Morr.*

J. pyriformis, *Carr.* (not *Liebm.*). (J. nigra × regia), Garden origin.
J. hybrida, *Hort.*
J. intermedia, *Lavallée.*

J. regia, *L.*; *Loud.* Encycl. of Trees and Shrubs, 732, f. 1416. Caucasus and Armenia to Himalaya.
J. kumaonensis, *Hort.*

Var. **barteriana**, *Hort.*

Juglans regia—*cont.*

Var. **laciniata**, *Loud.*
J. filicifolia, *Lodd.*
J. heterophylla, *Hort.*

Var. **monophylla.**

Var. **pendula.**

Var. **praeparturiens**, *Hort.*
J. fertilis, *Hort.*
J. frutescens, *Hort.*

J. rupestris, *Engelm.*; *Sargent* Silva of North America, t. 335. Western United States.
J. californica, *Rothrock* (not *S. Wats.*).

J. sieboldiana, *Maxim.* Japan.
J. ailantifolia, *Carr.* Rev. Hort. 1878, 414, f. 86.
J. mandshurica var. ailantifolia, *Lavallée.*
J. macrophylla, *Hort.*

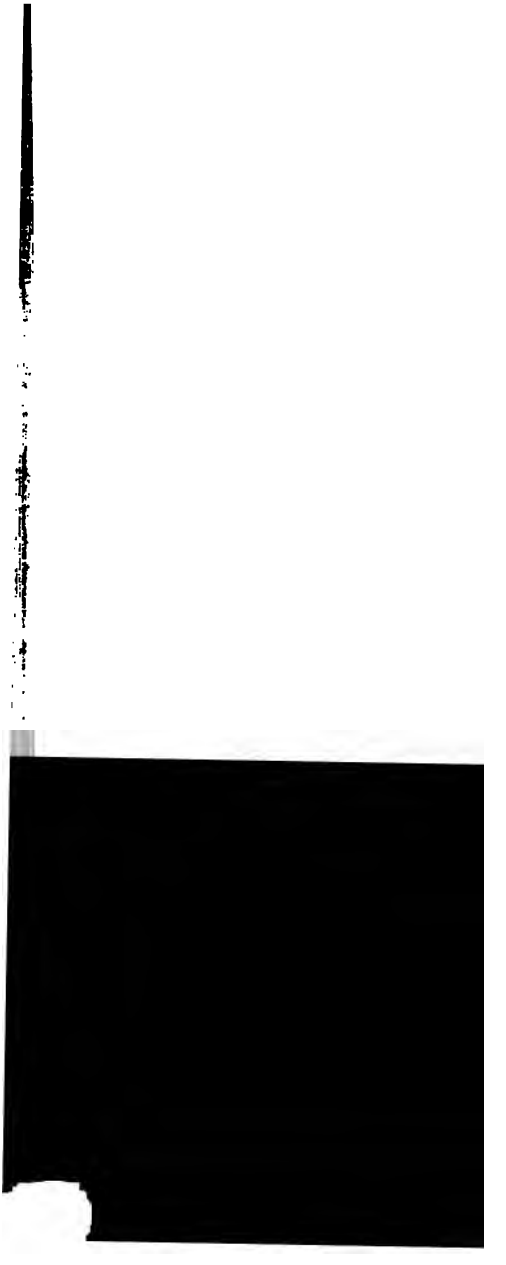
J. vilmoriniana, *Carr.* (? J. nigra × regia), Garden and Forest, 1891, 52, ff. 11, 12.
J. intermedia *var.* vilmoriniana, *Dippel.* Garden origin.

Pterocarya caucasica, *C. A. Mey.* Caucasus, &c.
P. dumosa, *Lavall.*
P. fraxinifolia, *Spach*; *Lavall.* Arbor. Segrez. t. xxi.; Gard. Chron. 1888, 380, f. 52.
P. pterocarpa, *Kunth.*
P. spachiana, *Lavall.* Arbor. Segrez. t. xx.
Juglans fraxinifolia, *Poir.* (not *Lam.*).

P. rhoifolia, *Sieb. & Zucc.* Japan.
P. japonica, *Hort.*
P. sorbifolia, *Sieb & Zucc.*

P. stenoptera, *C. DC.*; *Lavall.* Arbor. Segrez. t. xix., China.
P. chinensis, *Hort.*
P. laevigata, *Hort.*
P. sinensis, *Hort.*

Platycarya strobilacea, *Sieb. & Zucc.* China.
Fortunaea sinensis, *Lindl.* Journ. Hort. Soc. i., 151, f.



Myricaceæ.

Myrica asplenifolia, *L.* North America.
Comptonia asplenifolia, *Banks*; *Wats.* Dendr. Brit. t. 166.
M. Comptonia, *C. DC.*
Liquidambar asplenifolium, *L.*

M. californica, *Cham. & Schlecht.*; Journ. Hort. Soc. vii., 283, f. California.
Gale californica, *Greene.*

M. carolinensis, *Mill.*; Garden and Forest, 1894, 477, f. 46. United States.
M. pensylvanica, *Lam.*; Nouv. Duham. ii., 190, t. 55.

M. cerifera, *L.*; Garden and Forest, 1894, 476, f. 75. United States, &c.

M. Gale, *L.*; *Syme* Engl. Bot. t. 1298. Northern hemisphere.

Cupuliferæ.

† Betuleæ.

Betula alba, *L.* Northern hemisphere.
B. aetnensis, *Raf.*
B. gummifera, *Bert.*
B. odorata, *Reichb.* (not *Bechst.*).
B. pendula, *Roth.*
B. verrucosa, *Ehrh.*; *Syme* Engl. Bot. t. 1295.

Varieties of Subspecies.—I. Verrucosa.

Var. **dalecarlica.**
B. dalecarlica, *L. f.*
B. hybrida, *Blom.*
B. laciniata, *Wahlenb.*
B. lobulata, *C. Anders.*

Var. **fastigiata**, *Hort.*

Var. **oycowiensis**, *Regel.*
B. oycoviensis, Bess.

Betula alba—*cont.*

Var. **pendula**, *Hort.*
B. nigra pendula, *Hort.*
B. tristis, *Hort.*

Var. **pendula Youngi**, *Hort.*

Var. **purpurea**, *Hort.*

Var. **pyramidalis**, *Hort.*
B. pendula *var.* pyramidalis, *Dippel.*

Varieties of Subspecies.—II. Pubescens.

Var. **latifolia.**
B. latifolia, *Tausch.*

Var. **Murithi.**
B. Murithii, *Gaud.*
B. nigra, *Murith.*

Var. **pontica**, *Hort.*; *Loud.* Arb. Brit. 838, f. 1527; *Wats.* Dendr. Brit. t. 94.

Var. **pubescens**, *Loud.*
B. bella, *Hort.*
B. carpathica, *Willd.*
B. glutinosa, *Wallr.*
B. odorata, *Bechst.*
B. pubescens, *Ehrh.*

Var. **Tauschii**, *Franch. & Savat.*
B. alba *var.* japonica, *Miq.*

Var. **undulata**, *Hort.*

Var. **urticifolia**, *Spach.*
B. heterophylla, *Hort.*
B. urticifolia, *Regel.*
B. virgultosa, *Fries.*

B. alba × humilis, *Zabel.* North Asia.
B. humilis *var.* Zabelii, *Dippel.*

B. alpestris, *Fries*; Flora Danica, Suppl. t. 37. North Europe.
B. humilis, *Hartm.* (not *Schrank*).

Betula corylifolia, *Regel & Maxim.*; Bot. Mag. Jap. 1894, viii., t. 6, ff. 20–22. Japan.

B. davurica, *Pall.* Flora Rossica, t. 39, f. a. North Asia, North America.

B. Ermani, *Cham.*; Bot. Mag. Jap. 1894, viii., t. 6, ff. 7–9. Japan.

B. fruticosa, *Pall.* Flora Rossica, t. 40, f.f. a, b, c. North Europe, North Asia.

Var. **Gmelini**, *Regel.*
B. divaricata, *Ledeb.*
B. Gmelini, *Bunge.*

B. humilis, *Schrank.* Northern hemisphere.
B. fruticosa, *Wats.* Dendr. Brit. t. 154 (not *Pall.*).
B. oycowiensis, *Reichb.*
B. Socolowii, *Jacq. f.*

Var. **quebecensis.**
B. quebecensis, *Burgsd.*

B. intermedia, *Thomas*; Flora Danica, t. 2852. Alpine and Arctic Europe.
B. hybrida *var.* Kochii, *Regel.*

B. lenta, *L.*; *Wats.* Dendr. Brit. t. 144, *Sargent* Silva of North America, t. 448. North America.
B. carpinifolia, *Ehrh.*
B. nigra, *Du Roi* (not *L.*).

B. lutea. *Michx.*; *Loud.* Arb. & Frut. Brit. iii., 1711, f. 1564, 1565. *Sargent* Silva of North America, t. 449. North America.
B. excelsa, *Pursh.* (not *Ait.*).
B. lenta *var.* lutea, *Regel.*
B. persicifolia, *Hort.*

B. Maximowiczii, *Regel*; Bot. Mag. Jap. viii., 1894, t. 6, ff. 36–8. Japan.

B. nana, *L.*; *Syme* Engl. Bot. t. 1297. Northern hemisphere.

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Betula nigra, *L.*; *Wats.* Dendr. Brit. t. 153; *Sargent* Silva of North America, t. 452. United States.
B. angulata, *Lodd.*
B. canescens, *Hort.*
B. flavescens, *Hort.*
B. lanulosa, *Michx.*
B. rubra, *Michx.*

B. occidentalis, *Hook.*; *Sargent* Silva of North America, t. 453. Western North America.
B. alba *subsp.* occidentalis, *Regel.*

B. papyrifera, *Marsh.*; *Sargent* Silva of North America, t. 451. North America.
B. alba *var.* papyrifera, *Spach.*
B. amygdalifolia, *Hort.*
B. cordifolia, *Regel.*
B. Ermani, *Rothrock* (not *Cham.*).
B. excelsa, *Ait.*
B. glandulosa, *Hort.* (not *Michx.*).
B. grandis, *Schrad.*
B. latifolia, *Hort.*
B. occidentalis, *Lyall* (not *Hook.*).
B. papyracea, *Dryand.*; *Wats.* Dendr. Brit. t. 152.
B. platyphylla, *Hort.*
B. pyrifolia, *Hort.*

Var. **occidentalis**, *Dippel.*
B. americana, *Hort.*

B. populifolia, *Marsh.*; *Sargent* Silva of North America, t. 450, *Wats.* Dendr. Brit. ii., t. 151. North America.
B. acuminata, *Ehrh.*
B. alba *var.* populifolia, *Spach.*
B. laciniata, *Hort.* (not *Wahlenb.*).
B. populifolia, *Ait.*
B. populifolia pendula, *Hort.*

B. pumila, *L.*; *Wats.* Dendr. Brit. t. 97. North America.
B. dahurica, *Hort.* (not *Pall.*).
B. fruticans, *Hort.* (not *Pall.*).
B. nana rotundifolia, *Hort.*
B. rotundifolia, *Hort.*

Var. **fastigiata**, *Hort.*

Betula ulmifolia, *Sieb. & Zucc.*; Bot. Mag. Jap. viii., 1894, t. 6, ff. 16–19. Japan, &c.
B. alba var. costata, *Hort.*
B. costata, *Trautv.*

B. utilis, *D. Don.* Himalaya, &c.
B. Bhojpattra, *Wall.*
B. Jacquemontii, *Spach.*

Alnus barbata, *C. A. Mey.* (not *Fries*). Caucasus.
A. glutinosa *var.* acutifolia, *Spach.*
A glutinosa *var.* barbata, *Ledeb.*

A. cordifolia, *Tenore*; Gard. Chron. 1888, xix., 285, f. 42. South Europe.
A. cordata, *Desf.*
A. macrocarpa, *Req.* (not *Lodd.*).
A. neapolitana, *Savi.*
A. rotundifolia, *Bert.*
Betula cordata, *Lois.*

A. firma, *Sieb. & Zucc.*; *Dippel* Laubholzk. ii., 147, f. 69. Japan.
A. firma *var.* multinervis, *Hort.*

A. glutinosa, *Medic.*; *Syme* Engl. Bot. t. 1294. Europe, N. Africa, W. & N. Asia.
A. nigra, *Gilib.*
A. sibirica, *Hort.* (not *Fisch.*).

Var. **aurea**, *Lemaire* Ill. Hortic. 1866, t. 496.

Var. **imperialis**, *Hort.*
A. glutinosa imperialis asplenifolia, *Hort.*; *Ill. Hortic.* 1859, 97, f.
A. imperialis, *Hort.*

Var. **incisa**, *Willd.*
A. glutinosa var. oxyacanthifolia, *Spach*; *Lond. Encycl. Trees & Shrubs*, 922, f. 1512
A. oxyacanthifolia, *Lodd.*

Var. **laciniata**, *Willd.*; *Lond. Encycl. Trees & Shrubs* 922, f. 1, 2.
A. glutinosa var. laciniata, *Spach.*

Var. **pyramidalis**, *Hort.*
A. pyramidalis, *Hort.*

Alnus glutinosa—*cont.*

Var. **quercifolia**, ***Willd.***
A. quercifolia, ***Willd.***

Var. **rubrinervia**, ***Hort.***

Var. **sorbifolia**, ***Hort.***

A. incana, *Moench*; *Loud.* Encycl. Trees and Shrubs, 834, f. 1517. Northern temperate regions.
A. autumnalis, *Hort.* (not *Hartig*).
A. lanuginosa, *Gilib.*
A. maritima japonica viridis, *Hort.*
A. serrulata, *Hort.* (not *Willd.*).

Var. **glauca**, ***Regel.***
A. glauca, *Michx.*
A. incana *var.* glabrescens, *Spach.*
A. incana *var.* tirolensis, *Saut.*

Var. **hirsuta.**
A. hirsuta, *Turcz.*

Var. **incisa**, ***Hort.***
A. incana pinnatifida, *Hort.*
Betula pinnata, *Lundm.*

Var. **pendula nova**, ***Hort.***

Var. **ramulis coccineis**, ***Hort.***

A. japonica, *Sieb. & Zucc.*; Garden and Forest, 1893, 345, f. 53. Japan.
A. firma, *Hort.* (not *Sieb. & Zucc.*).
A. glutinosa prunifolia, *Hort.*
A. maritima *var.* japonica, *Regel.*
A. Harinoki, *Siebold.*

A. maritima, *Muehlenb.*; Garden and Forest, 1891, 269, f. 47. North America.
A. oblongata, *Dippel*, Laubholzk. ii., 152, f.f., 72–3.

A. nitida, *Endl.*; *Brandis* Forest Flora, 461, t. 57. Western temperate Himalaya.
Clethropsis nitida, *Spach.*

A. oregona, *Nutt.*; *Sargent* Silva of North America, t. 454. Western North America.
A. incana var. rubra, ***Regel.***

Alnus oregona—*cont.*

A. rhombifolia, *Hort.* (not *Nutt.*).
A. rubra, *Bongard.*
A. rugosa, *Hort.* (not *Ehrh.*).
A. tinctoria, *Hort.* (in part).

A. orientalis, *Decne.* Orient.
A. macrophylla, *Hort.* (in part).

A. pubescens, *Tausch.* Europe.
A. autumnalis, *Hort.* (in part).
A. badensis, *Lange.*
A. barbata, Fries (not *C. A. Mey.*).
A. barbata *var.* pubescens, *Dippel.*
A. glutinosa × incana.
A. incano-glutinosa, *A. Braun.*
A. serrulata, *Hort.* (in part).

A. rhombifolia, *Nutt.*; *Sargent* Silva of North America, t. 456. California, &c.

A. serrulata, *Willd.*; *Dippel* Laubholzk. ii., 155, f. 75. North America.
A. americana, *Hort.*
A. autumnalis, *Hartig.*
A. canadensis, *Lodd.*
A. fruticosa, *Hort.* (not *Rupr.*).
A. latifolia, *Desf.*
A. macrophylla, *Desf.*
A. rubra, *Desf.*
A. rugosa, *Hort.*; *Dippel* Laubholzk. ii., 156, f. 76.
A. serrata, *Hort.*
Betula serrulata, *Ait.*

A. subcordata, *C. A. Mey.*; *Dippel* Laubholzk. ii., 150, f. 70. Caucasus.
A. cordifolia *var.* subcordata, *Regel.*
A. macrophylla, *Hort.* (in part).
A. vilmoriniana, *Hort.*

A. viridis, *DC.*; *Loud.* Encycl. Trees & Shrubs, 836, f. 1521. Northern regions.
A. Alnobetula, *C. Koch.*
A. alpina, *Borckh.*

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Alnus viridis—*cont.*

A. crispa, *Pursh.*
A. fruticosa, *Rupr.*
A. mitchelliana, *M. A. Curt.*
A. ovata, *Lodd.* Bot. Cab. t. 1141.
A. undulata, *Willd.*
Alnaster fruticosa, *Ledeb.*
A. viridis, *Spach.*
Betula Alnobetula, *Ehrh.*
B. crispa, *Ait.*
B. ovata, *Schrank*; *Wats.* Dendr. Brit. t. 96.
B. viridis, *Chaix.*

Var. **parvifolia**, *Dippel.*
A. brembana, *Rota.*

††CORYLEÆ.

Carpinus caroliniana, *Walt.*; *Sargent* Silva of North America; t. 447. *Dippel* Laubholzk. ii., 141, f. 66. North America.
C. americana, *Michx.*; *Wats.* Dendr. Brit. t. 157.
C. virginiana, *Michx.* (not *Mill.*)

C. Betulus, *L.*; *Syme* Engl. Bot. t. 1293. Europe, W. Asia.

Var. **asplenifolia**, *Hort.*
C. Betulus laciniata, *Hort.*

Var. **Carpinizza.**
C. Carpinizza, *Kit.*

Var. **incisa**, *Ait.*
C. Betulus *var.* quercifolia, *Desf.*
C. Betulus *var.* heterophylla, *Hort.*
Ostrya quercifolia, *Hort.*

Var. **marmorata**, *Hort.*

Var. **pendula**, *Hort.*

Var. **purpurea**, *Hort.*

Var. **pyramidalis**, *Hort.*

Var. **rubra**, *Hort.*

Var. **variegata**, *Hort.*

Carpinus cordata, *Blume*; Garden & Forest, viii., 295, f. Japan.
Distegocarpus cordata, *A.DC.*

C. japonica, *Blume*. Japan.
C. Carpinus, *Sargent* Forest Flora of Japan, f. 21.
Distegocarpus Carpinus, *Sieb. & Zucc.*

C. orientalis, *Mill.*; *Wats.* Dendr. Brit.t. 98. South Europe, Orient.
C. duinensis, *Scop.*

C. Turczaninovii, *Hance*. China.

Ostryopsis davidiana, *Decne*; *Dippel* Laubholzk. ii., 136, f. 65. China, &c.

Ostrya carpinifolia, *Scop.*; Garden, 1877, xii., 372, f. S. Europe, Orient.
O. italica, *Spach.*
O. vulgaris, *Willd.*; *Wats.* Dendr. Brit. t. 143.
Carpinus Ostrya, *L.*

O. virginica, *Willd.* North America.
O. virginiana, *C. Koch*; *Sargent* Silva of North America, t. 445.
Carpinus triflora, *Moench.*
C. virginiana, *Mill.*

Corylus americana, *Walt.*; *Dippel* Laubholzk. ii., 131, f. 62. Eastern North America.
C. calyculata, *Dippel.*
C. cornuta, *Hort.*
C. humilis, *Willd.*
C. mexicana, *Hort.*
C. rostrata, *Hort.* in part (not *Ait.*).
C. virginiana, *Hort.*
C. virginica, *Hort.*

C. Avellana, *L.*;. *Syme* Engl. Bot. t. 1292. Europe, West Asia, &c.
C. californica, *Hort.*

Var. **aurea.**

Var. **contorta,** *Hort.*; **Gard. Chron. 1874, i., 115, f. 32.**

Corylus Avellana—*cont.*

Var. **heterophylla**, *Loud.*

C. heterophylla, *Lodd.*
C. laciniata, *Hort.*
C. urticaefolia, *Hort.*

Var. **pendula.**

C. Colurna, *L.* ; *Wats.* Dendr. Brit. t. 99. South-east Europe to Himalaya.

C. arborea, *Hort.*
C. arborescens, *Moench.*
C. bizantina, *Desf.*
C. Jacquemontii, *Decne.*
C. lacera, *Wall.*

C. heterophylla, *Fisch.* Japan, &c.

C. americana, *Siebold* (not *Walt.*).
C. Avellana, *Thunb.* (not *L.*).
C. Hasibani, *Siebold.*
C. sieboldiana, *Blume.*
C. tetraphylla, *Ledeb.*
C. Thunbergii, *Blume.*

C. mandshurica, *Maxim.* Amurland, Japan, &c.

C. Avellana *var.* mandshurica, *DC.*

C. maxima, *Mill.* South Europe, &c.

C. Avellana *var.* rubra, *Lam.*
C. Lamberti, *Lodd.*
C. pontica, *C. Koch.*
C. rubra, *Borkh.*
C. tubulosa, *Willd.*

Var. **alba.**

Var. **atropurpurea**, *Dippel.*

C. Avellana *var.* atropurpurea, *Hort.*
C. Avellana *var.* purpurea, *Loud.*
C. purpurea, *Lodd.*
C. tubulosa *var.* atropurpurea.

Var. **barcelonensis**, *Hort.*

C. Avellana *var.* barcelonensis, *Loud.*
C. Avellana *var.* grandis, *Hort.*

Var. **tenuis**, *Hort.*

C. Avellana *var.* tenuis, *Loud.*

Corylus rostrata, *Ait.*; Garden & Forest, 1895, 345, f. 48. North America.
C. cornuta, *Hort.* (in part).

††† QUERCINEÆ.

Quercus acuta, *Thunb.*; Woods and Forests, 1884, p. 85, f. Japan.
Q. angustifolia, *Hort.*
Q. Buergerii, *Blume.*
Q. cuspidata latifolia, *Hort.*
Q. marginata, *Blume.*

Var. **bambusaefolia.**
Q. bambusaefolia, *Mast.*

Q. Aegilops, *L.*; South Europe, Orient.
Q. graeca, *Kotschy* Eichen, t. 30.
Q. ventricosa, *Hort.*

Var. **macrolepis**, *Boiss.* Crete, Greece.
Q. macrolepis, *Kotschy* Eichen, t. 16.

Var. **Pyrami**, *Boiss.*
Q. Pyrami, *Kotschy* Eichen, t. 3.

Var. **Ungeri**, *Boiss.*
Q. Ungeri, *Kotschy* Eichen, t. 13.
Q. Vallonea, *A. DC.*

Q. agrifolia, *Nee*; *Sargent* Silva of North America, t. 403. California.
Q. arcoglandis, *Kellogg.*
Q. berberidifolia, *Liebm.*
Q. oxyadenia, *Torr.*

Q. alba, *L.*; *Sargent* Silva of North America, t.t. 356–7. North America.

Q. alnifolia, *Poech*; *Kotschy* Eichen, t. 6; Garden, 1880, xviii., 486, f. Cyprus.
Q. Cypria, *Jaub. & Spach.* (not *Kotschy*).

Q. Ballota, *Desf.* Spain, Portugal.
Q. cyclophylla, *Welw.*
Q. Ilex *var.* Ballota, *Dippel.*
Q. rotundifolia, *Lam.*

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Quercus bicolor, *Willd.* North America.
Q. bicolor *var.* platanoides, *A. DC.*
Q. castaneaefolia, *Hort.* (not *C. A. Mey.*).
Q. pannosa, *Bosc.*
Q. platanoides, *Sudw.*; *Sargent* Silva of North America, tt. 380–1.
Q. Prinus *var.* bicolor, *Spach.*
Q. Prinus discolor, *Michx.* Hist. Arb. Am. ii., 46. t. 6.
Q. Prinus tomentosa, *Michx.* Hist. Chênes Am. t. 9.

Q. castaneaefolia, *C. A. Mey.*; *Kotschy* Eichen t. 40. Caucasus.

Q. Cerris, *L.*; *Loud.* Encycl. 855, ff. South and Eastern Europe, Asia Minor, &c.
Q. Aegilops, *Hort.* (not *L.*).
Q. appennina, *Hort.* (not *Lam.*).
Q. australis, *Hort.* (not *Link.*).
Q. carlsruhensis, *Hort.*
Q. crinita, *Lam.*
Q. dentata, *Hort.* (not *Thunb.*).
Q. haliphlaeos, *Bosc.*
Q. pseudo-suber, *Hort.* (not *Desf.*).
Q. Ragnal, *Loud.*
Q. Tournefortii, *Willd.*

Var. **austriaca,** *Loud.* Arb. iii., 1848, f. 1708; Encycl. 857, f. 1559.
Q. austriaca, *Willd.*; *Kotschy* Eichen., t. 20.

Var. **cana major,** *Loud.* Encycl. Trees, 857, f. 1560.

Var. **cana minor,** *Hort.*

Var. **fulhamensis,** *Loud.* Arb. iii., 1850; Encycl. Trees, 858, f. 1561.
Q. Cerris *var.* dentata, *Wats.* Dendr. Brit., t. 93 (not *Thunb.*).
Q. Cerris hybrida dentata, *Sweet.*
Q. Cerris *var.* subperennis, *A.DC.* (in part).

Var. **fulhamensis latifolia,** *Loud.*
Q. fulhamensis macrophyllus, *Hort.*

Var. **laciniata,** *Loud.* Enclycl. Trees & Shrubs, 856, f. 1558.
Q. asplenifolia, *Hort.*
Q. Cerris dissecta, *Hort.*

Quercus Cerris—*cont.*

Q. Cerris laciniosa, *Hort.*
Q. heterophylla, *Hort.*

Var. **longifolia nova**, *Hort.*

Var. **lucombeana**, *Loud.* Encycl. Trees, 858, f. 1562.
Q. Cerris *var.* subperennis, *A. DC.* (in part).
Q. exoniensis, *Lodd.*
Q. nepaulensis, *Hort.* (not *Desf.*).
Q. Neumanni, *Hort.*
Q. serratifolia, *Hort. Batav.*

Var. **variegata**, *Lodd.*
Q. Cerris argentea, *Hort.*
Q. Cerris elegantissima, *Hort.*

Q. chrysolepis, *Liebm.*; *Sargent* Silva of North America, t. 398. Oregon, California.
Q. crassipocula, *Torr.*
Q. fulvescens, *Kellogg.*

Q. cinerea, *Michx.*; *Dippel* Laubholzk. ii., 105, f. 47. Southern United States.
Q. brevifolia, *Sargent* Silva of North America, t. 431.
Q. humilis, *Walt.* (not *Lam.*).
Q. Phellos *var.* brevifolia, *Lamb.*
Q. Phellos *var.* humilis, *Pursh.*
Q. Phellos *var.* sericea, *Ait.*

Q. coccifera, *L.*; *Hook. f.* Trans. Linn. Soc. xxiii., t. 37. Mediterranean region.
Q. kermesina, *Hort.*

Q. coccinea, *Muenchh.*; *Sargent* Silva of North America, t.t. 412–3. North America.
Q. repanda, *Hort.*

Q. conferta, *Kit.*; Gard. Chron. 1876, v., 85, f. 18; *Kotschy* Eichen, t. 14. Italy to Hungary, &c.
Q. Aesculus, *Heuff.* (not *Boiss.*).
Q. Farnetto, *Tenore.*
Q. hungarica, *Huben.*
Q. latifolia dentata, *Hort.*
Q. macranthera, *Hort.* (not *C. A. Mey.*).
Q. pannonica, *Hort.*
Q. sessiliflora *var.* pannonica, *Hort.*
Q. Tenorei, Hort.

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Quercus crispula, *Blume.* Japan.

Var. **grosseserrata,** *Franch. & Savat.*
Q. grosseserrata, *Blume.*

Q. cuneata, *Wangenh.* United States.
Q. digitata, *Sudw.*; *Sargent* Silva of North America, t.t. 420–1.
Q. discolor, *Spach.* (not *Ait.*).
Q. elongata, *Willd.*
Q. falcata, *Michx.*
Q. nigra *var.* digitata, *Marsh.*
Q. triloba, *Michx.*

Q. cuspidata, *Thunb.*; *Sieb. & Zucc.* Fl. Jap. t. 2; Gard. Chron. 1879, 233, f. 38. Japan.

Var. **variegata.** Gard. Chron. 1879, xii., 232, f. 38.

Q. Dalechampii, *Tenore.* South Europe.
Q. Robur *var.* Tenorei, *A. DC.*

Q. densiflora, *Hook. & Arn.*; *Sargent* Silva of North America, t. 438. Oregon, California.
Q. echinacea, *Torr.*

Q. dentata,, *Thunb.*; *Sargent* Forest Flora of Japan, t. 23. Japan.
Q. Daimyo, *Hort.*
Q. obovata, *Bunge.*
Q. pannosa, *Hort.*

Q. Douglasii, *Hook. & Arn.*; *Sargent* Silva of North America, t. 386. California.
Q. Ransomi, *Kellogg.*

Q. Gambelii, *Nutt.*; *Sargent* Silva of North America, t.t. 366–7. Colorado, &c.
Q. undulata, *S. Wats.* (in part).
Q. undulata *var.* Gambelii, *Engelm.*

Q. garryana, *Hook.*; *Sargent* Silva of North America, t.t. 364–5. North-Western America.
Q. Gilberti, *Greene.*
Q. Jacobi, *R. Br. Campst.*
Q. Neaei, *Liebm.*

Quercus georgiana, *M. A. Curt.*; *Sargent* Silva of North America, t. 425. Georgia.

Q. glabra, *Thunb.*; *Sieb. & Zucc.*, Fl. Jap. t. 89; Gard. Chron., 1880, xiv., 785, f. 153. Japan.
Q. latifolia, *Hort.*

Q. glandulifera, *Blume.* Japan.
Q. dentata Albertii, *Hort.*

Q. glauca, *Thunb.* Japan.

Q. heterophylla, *Michx. f.*; *Sargent* Silva of North America, t. 436. United States.
Q. aquatica nana, *Hort.*
Q. Phellos × velutina.

Q. Ilex, *L.*; Wats. Dendr.Brit., t. 90. Mediterranean region.
Q. pseudococcifera, *Hort.* (not *Desf.*).

Var. **crispa**, *Loud.*

Var. **diversifolia**, *Hort.*
Q. Cerris Lucombeana incisa, *Hort.*
Q. Fordii diversifolia, *Hort.*

Var. **Fordii**, *Hort.*

Var. **Genabii**, *Hort.*

Var. **Gramuntia**, *Hort.*
Q. Cookii, *Loud.*
Q. hispanica, *Cook.*

Var. **latifolia**, *Loud.* Encycl. Trees, 881, f. 1610.
Q. Ilex agrifolia, *Hort.*
Q. Ilex oblonga, *Hort.*

Var. **macrophylla**, *Hort.*

Var. **rotundifolia**, *Hort.*

Var. **Smilax**, *Hort.*

Q. ilicifolia, *Wangenh.* Eastern United States.
Q. Banisteri, *Michx.*
Q. [illegible] var. Banisteri, *Spach.*
Q. nana, *Sargent* Silva of North America, t. 424.
Q. rufescens var. nana, *Marsh.*

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Quercus imbricaria, *Michx.*; *Sargent* Silva of North America, t. 432. United States.
Q. Castanea, *Hort.* (not *Nee.*).
Q. laurifolia, *Hort.* (not *Michx.*).
Q. Phellos *var.* imbricaria, *Spach.*

Q. imbricaria × palustris, *Engelm.* United States.

Q. infectoria, *Oliv.* South-Eastern Europe to Persia.

Q. Kelloggii, *Newb.* Oregon and California.

Q. californica, *Cooper*; *Sargent* Silva of North America, t. 416.
Q. nigra Barroni, *Hort.*
Q. sonomensis, *A. DC.*
Q. tinctoria *var.* californica, *Torr.*

Q. lanuginosa, *Thuill.* Europe, West Asia.
Q. Aegilops. *Hort.* (not *L.*).
Q. ajudaghensis, *Hort.*
Q. alba de Rousseau, *Hort.*
Q. apennina, *Guss.* (not *Lam.*).
Q. budayana, *Haberl.*
Q. collina, *Schleich.*
Q. conglomerata, *Pers.*
Q. cupaniana, *Guss.*
Q. faginea, *Rohr.* (not *Lam.*).
Q. hartwissiana, *Stev.*
Q. Hentzei, *Hort.*
Q. Pseudo-aegilops, *Hort.*
Q. pubescens, *Willd.*
Q. Robur *var.* lanuginosa, *Lam.*
Q. sessiliflora *var.* pubescens, *Loud.*
Q. Streimii, *Heuff.*
Q. villosa, *Hort.*

Q. laurifolia, *Michx.*; *Sargent* Silva of North America, t.t. 429–30. Virginia to Louisiana.
Q. aquatica *var.* laurifolia, *A. DC.*
Q. laurifolia hybrida, *Michx.*
Q. obtusa, *Pursh.*
Q. Phellos *var.* laurifolia, *Chapm.*

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Quercus leana, *Nutt.*; United States.
Q. imbricaria × coccinea, *Engelm.*
Q. imbricaria × velutina, *Sargent* Silva of North America, t. 434.

Q. Libani, *Oliv.*; Rev. Hortic. 1872, 155, f. 18. Asia Minor.
Q. Carduchorum, *Kotschy.*
Q. Libani *var.* calliprinos, *Kotschy.*

Q. lobata, *Nee*; *Sargent* Silva of North America, t. 362. California.
Q. Hindsii, *Benth.*
Q. longiglanda, *Frémont.*

Q. lusitanica, *Lam.* South Europe, Asia Minor.
Q. australis, *Link.*
Q. esculenta, *Hort.*
Q. faginea, *Lam.*
Q. lusitanica, *Webb. var.* Clusii, *A. DC.*
Q. Valentina, *Lam.*
Var. **Boissieri**, *A. DC.*
Q. Boissieri, *Reut.*
Q. rigida, *C. Koch* (not *Willd.*).

Q. lyrata *Walt.*; *Sargent* Silva of North America, t. 374. Southern United States.

Q. macedonica, *A. DC.* Italy to Macedonia, &c.
Q. Aesculus, *Griseb.* (not *L.*).
Q. trojana, *Webb.*

Q. macranthera, *Fisch. & Mey.*; *Dippel* Laubholzk. ii., 72, f. 28. Armenia, &c.

Q. macrocarpa, *Michx.*; *Sargent* Silva of North America, t.t. 371–3. North America.
Q. macrocarpa *var.* olivaeformis, *A. Gray.*
Q. macrophylla, *Hort.*
Q. olivaeformis, *Michx.*
Q. ramosa, *Booth.*

Q. marilandica, *Muenchh.*; *S*[illegible] [illegible]orth A[illegible]
t.t. 426–7. Unit[illegible]
Q. ferruginea, *Mi*[illegible]
Q. nigra, *Wa*[illegible]
u 92397.

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Quercus Michauxii, *Nutt.*; *Sargent* Silva of North America, t.t. 382–3. Southern United States.
Q. bicolor, *A. DC.* (in part).
Q. bicolor *subsp.* Michauxii, *Engelm.*
Q. Prinus, *Walt.* (not *L.*).
Q. Prinus *var.* discolor, *Curtis.*
Q. Prinus *var.* Michauxii, *Chapm.*
Q. Prinus palustris, *Michx.*; *Loud.* Arb. Brit. iii., 1872. f. 1735.

Q. Mirbeckii, *Dur.* Spain, Portugal and North Africa.
Q. grossedentata, *Hort.*
Q. lusitanica *var.* baetica, *Webb.*
Q. Mierbeckii, *Dippel.*
Q. ventricosa, *Hort.*
Q. Zang, *Hort.*

Q. mongolica, *Fisch.*; *Dippel* Laubholzk. ii., 82, f. 33. Mandshuria, &c.

Q. nigra, *L.*; *Sargent* Silva of North America, t. 428. Southern United States.
Q. aquatica, *Walt.*
Q. hemisphaerica, *Willd.*
Q. nigra *var.* aquatica, *Lam.*
Q. nigra *var.* trifida, *Marsh.*
Q. uliginosa, *Wangenh.*

Q. palustris, *Muenchh.*; *Sargent* Silva of North America, t.t. 422–3. United States.
Q. rubra *var.* dissecta, *Lam.*
Q. rubra *var.* ramosissima, *Marsh.*

Q. pedunculata, *Ehrh.*; *Syme* Engl. Bot. t. 1288. Europe, Asia.
Q. fructipendula, *Schrank.*
Q. germanica, *Lasch.*
Q. longaeva, *Salisb.*
Q. malacophylla, *Schultz.*
Q. racemosa, *Lam.*
Q. Robur *var.* pedunculata.

Var. **compacta**, *Hort.*

Var. **Concordia**, *Lem.* Illustr. Hortic. xiv., t. 537.
Q. foliis aureis, *Hort.*

Quercus pedunculata—*cont.*

Var. **fastigiata**, *DC.*; Gard. Chron. 1883, xix., 179, f. 26.
Q. cupressoides, *Hort.*
Q. fastigiata, *Lam.*
Q. pyramidalis, *Gmel.*

Var. **fastigiata cucullata**, *Hort.*

Var. **fastigiata Grangei**, *Hort.*

Var. **fastigiata tortuosa**, *Hort.*

Var. **fastigiata variegata**, *Hort.*
Q. fastigiata foliis punctatis, *Hort.*

Var. **fastigiata viridis**, *Hort.*

Var. **filicifolia**, *Lem.* Illustr. Hortic. 1854, f.
Q. asplenifolia, *Hort.*
Q. pectinata, *Hort.*
Q. pinnata, *Hort.*
Q. taraxacifolia, *Hort.*

Var. **granbyana**, *Hort.*

Var. **Haas**, *A. DC.*
Q. Haas, *Kotschy* Eichen, t. 2.

Var. **heterophylla**, *Loud.* Arb. Brit. iii., 1732, ff. 1569–71.
Q. comptoniaefolia, *Hort.*
Q. dissecta, *Hort.*
Q. diversifolia cucullata, *Hort.*
Q. Fennessi, *Hort.*
Q. Fenzleyi, *Hort.*
Q. Hentzii, *Hort.*
Q. incisa, *Hort.*
Q. laciniata, *Hort.*
Q. pedunculata Hodginsii, *Hort.*
Q. salicifolia, *Hort.*
Q. Tenorei, *Hort.*

Var. **pendula**, *Loud.* Arb. Brit. iii., 1732.
Q. Dauvessei, *Hort.*
Q. horizontalis, *Hort.*
Q. pendula, *Lodd.*
Q. pendula nova, *Hort.*

Var. **purpurascens**, *DC.*
Q. atropurpurea, *Hort.*

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Quercus pedunculata—*cont.*

Q. atrosanguinea, *Hort.*
Q. cuprea, *Hort.*
Q. europaeus purpureus, *Hort.*
Q. nigra purpurea, *Hort.*
Q. pedunculata nigra, *Hort.*
Q. pedunculata *var.* purpurea, *Loud.*
Q. pedunculata *var.* sanguinea, *Beckst.*
Q. Robur nigra, Flore des Serres, t. 1783.
Q. Robur nigricans, *Hort.*

Var. **scolopendrifolia**, *Hort.*

Var. **Thomasii**, *Tenore.*
Q. Robur *var.* Thomasii, *A. DC.*

Var. **variegata**, *Hort*,
Q. elegantissima, *Hort.*

Q. Phellos, *L.*; *Sargent* Silva of North America, t. 435. United States.
Q. Robur microcarpa, *Hort.*
Q. salicifolia, *Hort.* (not *Nee.*).

Q. phillyraeoides, *A. Gray.* Japan.
Q. rotunda, *Hort.*

Q. pontica, *C. Koch*; Gartenflora, 1891, 510, f. 95. Lazistan.

Q. prinoides, *Willd.*; *Sargent* Silva of North America, t. 378. United States.
Q. Chinquapin, *Pursh.*
Q. Muehlenbergii *var.* humilis, *Britton.*
Q. Prinus Chincapin, *Michx.* Hist. Arb. Am. ii, 64, t. 10.
Q. Prinus *var.* humilis, *Marsh.*

Q. Prinus, *L.*; *Sargent* Silva of North America, t.t. 375–6. Eastern North America.
Q. bicolor, *Hort.*
Q. Castanea, *Hort.* (not *Nee*).
Q. castaneaefolia, *Hort.* (not *C. A. Mey.*).
Q. montana, *Willd.*
Q. monticola, *Petz. & Kirchn.*
Q. sericea, *Hort.*

Q. Pseudo-suber, *Santi.* South Europe.
Q. Fontanesii, *Guss.*
Q. hispanica, *Lam.*

Quercus pumila, *Walt.*; *Sargent* Silva of North America, t. 404. North Carolina to Florida.
Q. cinerea *var.* pumila, *Curtis.*
Q. Phellos *var.* nana, *A.DC.*
Q. Phellos *var.* pumila, *Dippel.*
Q. sericea, *Willd.*

Q. reticulata, *Humb. & Bonpl.*; *Sargent* Silva of North America, t. 390. Mexico, Arizona, &c.

Q. rubra, *L.*; *Sargent* Silva of North America, t.t. 409–10. North America.
Q. ambigua, *Michx.*
Q. borealis, *Hort.*
Q. coccinea, *Hort.* (not *L.*).
Q. coccinea *var.* ambigua, *A. Gray.*
Q. coccinea *var.* macrophylla, *Hort.*
Q. grayana, *Hort.*
Q. triloba, *Hort.*

Var. aurea, *Dippel.*
Q. americana aurea, *Hort.*

Var. pendula.
Q. coccinea pendula, *Hort.*

Q. serrata, *Thunb.*; *Dippel* Laubholzk. ii., 101, f. 44. China, Japan, &c.
Q. Bombyx tomentosa, *Hort.*
Q. chinensis, *Bunge.*

Var. pendula.

Q. sessiliflora, *Salisb.*; *Syme* Engl. Bot. t. 1289. Europe, W. Asia.
Q. acuminata, *Hort.*
Q. aurea, *Wiersb.*
Q. condensata, *Schur.*
Q. pallida, *Heuff.*
Q. pedemontana, *Colla.*
Q. rubens, *Hort.*
Q. sinuata, *Hort.*
Q. Turneri, *Hort.* (not *Willd.*)

Var. afghanistanensis, *Hort.*

Var. alnoides, *Hort.*

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Quercus sessiliflora—*cont.*

Var. **cochleata**, *Hort.*

Var. **devoniana**, *Hort.*

Var. **dschorochensis**.
Q. dschorochensis, *C. Koch.*

Var. **falkenbergensis**, *Hort.*

Var. **iberica**, *Hort.*

Var. **mespilifolia**, *Wallr.*
Q. Louetti, *Hort.*
Q. Robur Louetti, *Hort.*

Var. **rubicunda**.
Q. sessiliflora purpurea, *Hort.*

Q. stellata, *Wangenh.* United States.
Q. alba *var.* minor, *Marsh.*
Q. Drummondii, *Liebm.*
Q. minor, *Sargent* Silva of North America, t.t. 368-9.
Q. obtusiloba, *Michx.*
Q villosa, *Walt.*

Q. Suber, *L.*; *Kotschy* Eichen, t. 33. South Europe, North Africa.
Q. bivoniana, *Guss.*

Q. texana, *Buckl.*; *Sargent* Silva of North America, t. 411. Garden and Forest, 1894, 514, ff. 81-2. United States.
Q. rubra *var.* texana, *Buckl.*

Q. thalassica, *Hance.* Japan.
Q. sieboldiana, *Blume.*

Q. Toza, *Bosc.* South Western Europe.
Q. Brossa, *Bosc.*
Q. Camata, *Hort.*
Q. lanata, *Hort.* (not *Sm.*).
Q. pubescens, *Brot.* (not *Willd.*).
Q. pyrenaica, *W.*
Q. ramosa, *Hort.*
Q. stolonifera, *Lapeyr.*
Q. Tauzin, *Pers.*

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Quercus Turneri, *Willd.* Garden Origin. ? Q. Ilex × pedunculata or Cerris.
Q. austriaca hybrida, *Hort.*
Q. austriaca sempervirens, *Hort.*
Q. Cerris austriaca sempervirens, *Hort.*
Q. glandulifera, *Mast.* Gard. Chron. 1880, xiv., 714, f. 134 (not *Blume*).
Q. hybrida, *Hort.*
Q. sclerophylla, *Hort.* (not *Lindl. & Paxt.*).
Q. sempervirens, *Hort.*

Q. undulata, *Torr.*; *Sargent* Silva of North America, t. 385. Western North America.
Q. Emoryi, *Porter & Coulter* (not *Torr.*).
Q. Fendleri, *Liebm.*
Q. grisea, *Liebm.*
Q. oblongifolia, *Torr.*
Q. pungens, *Liebm.*

Q. variabilis, *Blume.* Japan.

Q. velutina, *Lam.*; *Sargent* Silva of North America, t.t. 414–5. North America.
Q. coccinea *var.* tinctoria, *A.DC.*
Q. discolor, *Ait.*
Q. nigra, *Du Roi* (not *L.*).
Q. tinctoria, *Michx.*

Q. Wislizeni, *A.DC.*; *Sargent* Silva of North America, t. 406. California.

Castanopsis chrysophylla, *A.DC.*; *Sargent* Silva of North America, t. 439. California and Oregon.
Castanea chrysophylla, *Hook.* Bot. Mag., t. 4953.
C. sempervirens, *Kellogg.*

Castanea crenata, *Sieb. & Zucc.*; *Dippel* Laubholzk. ii., 56, f. 23. Japan.
C. chinensis, *Hassk.* (not *Spreng.*).
C. pumila, *Hassk.* (not *Mill.*).
C. stricta, *Sieb. & Zucc.*
C. japonica, *Blume.*
C. vulgaris *var.* japonica, *A.DC.*

C. dentata, *Borkh.*; *Sargent* Silva of North America, t.t. 440–1. North America.
C. americana, *Rafin.*
C. sativa *var.* americana, *Sargent.*

Castanea dentata—*cont.*

C. vesca *var.* americana, *Michx.*
C. vulgaris *var.* americana, *A.DC.*

C. pumila, *Mill.*; *Sargent* Silva of North America, t.t. 442–3, *Loud.* Encycl. Trees, 914, ff. 1707–8. Southern Pennsylvania to Northern Florida.
Fagus pumila, *L.*

C. sativa, *Mill.* South Europe, North Africa, Orient.
C. vesca, *Gaertn.*; *Loud.* Encycl. Trees, 913, f. 1706.
C. vulgaris, *Lam.*

Var. **albo-marginata**, *Hort.*

Var. **asplenifolia**, *Hort.*

Var. **aureo-marginata**, *Hort.*

Var. **crispa**, *Hort.*

Var. **downtoniana**, *Hort.*

Var. **filipendula**, *Hort.*

Var. **glaberrima**, *Hort.*

Var. **heterophylla**, *Hort.*

Var. **heterophylla dissecta**, *Hort.*

Var. **laciniata**, *Hort.*

Var. **maculata**, *Hort.*

Var. **prolifera**, *C. Koch.*

Var. **pyramidalis**, *Hort.*

Var. **monstrosa**, *Dippel.*
C. bullata, *Hort.*
C. cochleata, *Hort.*
C. cucullata, *Hort.*

Fagus ferruginea, *Ait.*; *Dippel* Laubholzk. ii., 53, f. 22. North America.
F. americana, *Sweet*; *Sargent* Silva of North America, t. 344.
F. atropunicea, *Sudworth.*
F. caroliniana, *Loud.*
F. nigra, *Rafin.*
F. rotundifolia, *Rafin.*

Var. **latifolia**, *Hort.*

Var. **macrophylla**, *Hort.*

Fagus sylvatica, *L.*; *Syme* Engl. Bot. t. 1291. Europe, Asia Minor, &c.

Var. **atropurpurea**, *Hort.*

Var. **aureo-variegata**, *Hort.*

Var. **castaneaefolia**, *Hort.*

Var. **cochleata**, *Hort.*
F. ferruginea cochleata, *Hort.*

Var. **cristata**, *Lodd.*; *Loud.* Encycl. Trees, 906, f. 1694.
F. sylvatica crispa, *Hort.*

Var. **cuprea**, *Lodd.*

Var. **grandidentata**, *Hort.*

Var. **heterophylla**, *Loud.* Encycl. Trees, 906, ff. 1692–3.
F. comptoniaefolia, *Hort.*
F. incisa, *Hort.*
F. laciniata, *Hort.*
F. salicifolia, *Hort.*
F. sylvatica asplenifolia, *Lodd.*

Var. **macrophylla**, *Hort.*
F. latifolia, *Hort.*
F. monstrosa latifolia, *Hort.*

Var. **miltonensis**, *Hort.*

Var. **nigra**, *Hort.*

Var. **norwegiensis**, *Hort.*

Var. **pendula**, *Lodd.*

Var. **purpurea**, *Ait.*

Var. **purpurea major**, *Hort.*

Var. **purpurea nova**, *Hort.*

Var. **purpurea pendula**, *Hort.*

Var. **quercoides**, *Pers.*
F. quercifolia, *Hort.*

Var. **remillyensis**, *Hort.*

Var. **tortuosa**, *Hort.*

Var. **tricolor**, *Hort*

Var. **variegata**, *Hort.*

Var. **Zlatia**, *Spaeth.*

Salicineæ.

Salix alba, *L.*; *Syme* Engl. Bot. t. 1309. Europe, Asia, North Africa.

Var. **argentea.**
S. alba leucophylla, *Hort.*
S. argentea, *Wimm.*
S. leucophylla, *Hort.*
S. regalis, *Hort.*
S. splendens, *Bray.*

Var. **britzensis**, *Spaeth.*

Var. **caerulea**, *Syme* Engl. Bot. t. 1310.
S. caerulea, *Sm.*

Var. **caerulea pendula.**

S. alpigena, *Kern.* Tyrol, &c.

S. ambigua, *Ehrh.*; *Syme* Engl. Bot. t. 1355. Europe.
S. repens × aurita.
S. spathulata, *Willd.*
S. versifolia, *Wahlenb.*

S. Arbuscula, *L.* Europe, North Asia.
S. carinata, *Sm.*

Var. **prunifolia**, *Syme* Engl. Bot. t. 1372.
S. prunifolia, *Sm.* Engl. Bot. t. 1361.

S. aurita, *L.*; *Forbes* Salict. Woburn. t. 124. Europe, North Asia.

S. aurita × Myrsinites. Europe.
S. saxetana, *F. B. White.*

S. aurita × viminalis. Europe.
S. fruticosa, *Doell.*

S. aurita-Lapponum. Europe.
S. Lapponum × aurita.

S. aurito-incana, *Wimm.* Europe.
S. reticulata, *Hort.* (not *L.*).

S. babylonica, *L.*; *Forbes* Salict. Woburn. t. 22. Japan.
S. japonica, *Blume* (not *Thunb.*).
S. neapolitana, *Hort.*
S. pendula, *Moench.*

Salix babylonica—*cont.*

S. perpendens, *Ser.*
S. riparia, *Hort.* (not *Willd.*).

Var. **annularis.**
S. annularis, *Forbes* Salict. Woburn. t. 21.
S. crispa, *Hort.*

Var. Salamoni, *Hort.*

S. caesia, *Vill.* Mountains of Switzerland, Tyrol, and South-western Europe.
S. myrtilloides, *Forbes* Salict. Woburn. t. 66 (not *L.*).
S. prostrata, *Ehrh.*

S. candida, *Fluegge*; *Forbes* Salict. Woburn. t 91. North America.
S. incana, *Michx.* (not *Schrank*).
S. nivea, *Sm.*
S. tomentosa, *Schrad.*

S. Caprea, *L.*; *Forbes* Salict. Woburn. t. 122, *Syme* Engl. Bot. t. 1331. Europe, North Asia.
S. aurigerana, *Lapeyr.*
S. hybrida, *Vill.*
S. tomentosa, *Ser.*
S. ulmifolia, *Thuill.*

Var. **pendula**, *Hort.*
S. Kilmarnocki, *Hort.*

S. Caprea × cinerea. Europe.
S. moschata, *Hort.*
S. Reichardti, *Kern.*

S. cinerea, *L.*; *Syme* Engl. Bot. t. 1327. Europe, North and West Asia.
S. acuminata, *Hoff'm.*
S. dumetorum, *Suter.*
S. oleifolia, *Sm.* (not *Vill.*).
S. polymorpha, *Host.*
S. rufinervis, *DC.*

Var. **aquatica**, *Syme* Engl. Bot. t. 1328.
S. aquatica, *Sm.*

Var. **Medemii**, *Boiss.*
S. Medemii, *Boiss.*

Var. **tricolor**, *Dippel.*
S. Caprea tricolor, *Hort.*

Salix cinerea-repens, *Wimm.* Europe.
S. repens × cinerea.

S. cordata, *Muhl.*; *Dippel* Laubholzk. ii., 283, f. 134.
Northern and Arctic America.

Var. **glaucophylla**, *Bebb.*

Var. **rigida**, *Anderss.*
S. cordata-rigida, *A. Gray.*
S. myricoides, *Muhl.*
S. rigida, *Willd.*

Var. **sericea**, *Anderss.*

Var. **vestita**, *Anderss.*

S. coriacea, *Forbes* Salict. Woburn. t. 112. Europe.
S. nigricans × aurita.

S. Cotteti, *Lagg.* Tyrol.
S. retusa *var.* nigrescens, *Kern.*

S. cuspidata, *Schultz*; *Dippel* Laubholzk. ii., 216, f. 109.
Europe.
S. fragilis-pentandra, *Weinm.*
S. meyeriana, *Rostkov.*; *Forbes* Salict. Woburn. t. 33.
S. pentandra-fragilis, *Wimm.*
S. Pockornyi, *Kern.*

S. daphnoides, *Vill.*; Flora Danica, t. 2919. Europe, &c.
S. Aglaia, *Hort.*
S. bigemmis, *Hoffm.*
S. glauca, *Hort.* (not *L.*).
S. jaspidea, *Hort.*
S. pomeranica, *Willd.*
S. praecox, *Hoppe*; *Forbes* Salict. Woburn. t. 26.

Var. **acutifolia**, *Anderss.*
S. acutifolia, *Willd.*
S. caspica, *Hort.*
S. daphnoides *var.* angustifolia, *Weinm.*
S. pruinosa, *Wendl.*
S. violacea, *Forbes* Salict. Woburn, t. 25.

S. decipiens, *Hoffm.*; *Forbes* Salict. Woburn. t. 29. Europe.
S. fragilis *var.* decipiens, *Koch.*
S. triandra × fragilis, *F. B. White.*

Salix discolor, *Muhl.*; *Sargent* Silva of North America, t. 478. North America.
S. sensitiva, *Barratt.*

S. doniana, *Sm.* Engl. Bot. t. 2599. Europe.
S. parviflora, *Host.*
S. purpurea-repens, *Wimm.*
S. repens-purpurea, *Weinm.*

S. fragilis, *L.*; *Syme* Engl. Bot. t. 1306. Europe, N. and W. Asia.
S. bigemmis, *Hort.* (not *Hoffm.*).
S. cerasifera, *Hort.* (not *Schleich.*).
S. conformis, *Hort.*
S. mascula, *Hort.*
S. meyeriana, *Willd.*
S. monandra, *Hort.* (not *Hoffm.*).
S. russelliana, *Sm.*
S. serrulata, *Hort.* (not *Willd.*).
S. silesiaca, *Hort.* (not *Willd.*).

Var. **basfordiana.**
S. basfordiana, *Salter* Gard. Chron. 1882, xvii., 298, ff. 41–2.
S. sanguinea, *Scaling.*

Var. **latifolia**, *Anderss.*
S. ammaniana, *Hort.* (not *Willd.*).
S. excelsa, *Tausch.*
S. monspeliensis, *Forbes* Salict. Woburn. t. 30.

S. elegantissima, *C. Koch.* Origin uncertain.
S. americana pendula, *Hort.*
S. babylonica femina, *Hort.*
S. fragili-babylonica, *Regel.*
S. sibirica, *Hort. aliq.*
S. Sieboldi, *Hort.*

S. glauca, *L.* (not *Sm.*). Alpine and Arctic regions of northern hemisphere.
S. sericea, *Forbes* Salict. Woburn. t. 74.

S. hastata, *L.*; *Forbes* Salict. Woburn. t. 35. Mountains of Europe and N. Asia.
S. cerasifolia, *Schleich.*
S. elegans, *Host.*
S. eriantha, *Schleich.*

Salix hastata—*cont.*
S. malifolia, *Sm.*; *Forbes* Salict. Woburn. t. 36.
S. Pontederae, *Vill.*
S. pontederana, *Loisel.* (not *Willd.*).
S. serrulata, *Willd.*
S. viburnoides, *Schleich.*

S. herbacea, *L.*; *Syme* Eng. Bot. t. 1378. Mountains of northern hemisphere.

S. hexandra, *Ehrh.* Europe.

S. hippophaifolia, *Thuill.* Europe.
S. triandra-viminalis, *Wimm.*
S. alba *var.* hippophaifolia, *Ser.*
S. multiformis, *Doell. var.* hippophaifolia, *Anderss.*
S. virescens, *Forbes* (not *Vill.*); *Loud.* Arb. Brit. iii., 1531.

S. hookeriana, *Barratt*; *Sargent* Silva t. 485; *Dippel* Laubholzk. ii., 303, f. 142. N. America.

S. humilis, *Marsh.*; *Dippel* Laubholzk. ii., 268, f. 128. N. America.
S. conifera, *Muhl.*
S. muehlenbergiana, *Barratt.*
S. recurvata, *Pursh.*

S. incana, *Schrank*; *Forbes* Salict. Woburn. t. 90. Europe.
S. angustifolia, *Poir.*
S. cyllenea, *Boiss.*
S. Elaeagnos, *Scop.*
S. lavandulaefolia, *Lapeyr.*
S. linearis, *Forbes* Salict. Woburn. t. 89.
S. Reginae, *Hort.*
S. riparia, *Willd.*
S. rosmarinifolia, *Gouan* (not *L.*).
S. viminalis, *Balb.* (not *L.*).

S. japonica, *Thunb.* Japan.
S. babylonica *var.* japonica, *Anderss.*

Var. **Lavalléei.**

S. lanata, *L.*; *Forbes* Salict. Woburn. t. 71; *Syme* Engl. Bot. t. 1367. Northern and Arctic Europe, &c.
S. chrysantha, *Vahl.*
S. lanuginosa, *Pall.*

Var. **Sadleri**, *F. B. White.* Perthshire, Aberdeenshire, &c.
S. Sadleri, *Syme* Journ. Bot. 1875, t. 158.

Salix Lapponum, *L.*; *Forbes* Salict. Woburn. t. 73. Mountains of Europe and N. Asia.
S. arenaria, *Willd.*
S. elaeagnifolia, *Forbes* Salict. Woburn. t. 69.
S. glauca, *Sm.* Engl. Bot. t. 1810.
S. glaucophylla, *Bess.*
S. lactea, *Bray.*
S. leucophylla, *Willd.*
S. limosa, *Wahlenb.*
S. nitens, *Gilib.*
S. sudetica, *Host.*
S. stuartiana, *Forbes* Salict. Woburn. t. 72.

Var. **helvetica**, *F. B. White.*
S. helvetica, *Vill.*
S. nivea, *Ser.*
S. tomentosa, *Hort.* (not *Schrad.*).

S. Lapponum-phylicifolia, *Linton.* Europe.

S. lasiandra, *Benth.*; *Sargent* Silva t. 469. Western United States.
S. arguta *var.* lasiandra, *Anderss.*
S. hoffmanniana, *Hook. & Arn.* (not *Sm.*).

S. laurina, *Sm.*; *Syme* Engl. Bot. t. 1333. Europe.
S. bicolor, *Sm.* Engl. Bot. t. 1806.
S. bicolor × Caprea ?
S. discolor, *Hort.* (not *Muhl.*).
S. phylicifolia × Caprea ?

S. lutescens, *Kern.* Europe.
S. aurita-cinerea, *Wimm.*
S. multinervis, *Doell.*

S. lucida, *Muhl.*; *Sargent* Silva t. 473; *Loud.* Arb. Brit. iii., 1501, f. 1301. North America.
S. myricoides, *Hort.* (not *Muhl.*).

S. Myrsinites, *L.*; *Syme* Engl. Bot. t. 1375; Flora Danica, t. 1054. Northern hemisphere.
S. alpina, *Scop.*
S. arbutifolia, *Ser.*
S. dubia, *Suter.*
S. rectijulis, *Trautv.*

Var. **jacquiniana**, *Anderss.* Austrian Alps.
S. jacquiniana, *Willd.*
S. Jacquinii, *Host.*

Salix Myrsinites—*cont.*

Var. **latifolia**, *Anderss.*
S. procumbens, *Forbes* Salict. Woburn. t. 61.
S. retusa, *With.* (not *L.*).

S. Myrsinites × nigricans. Europe.
S. punctata, *Wahl.*
S. Myrsinites-nigricans, *Wimm.*
S. Wahlenbergii, *Anderss.*

S. myrtilloides, *L.* Northern hemisphere.
S. elegans, *Bess.*

Var. **pedicellaris**, *Anderss.* North America.

S. Nicholsoni, *Dieck.* North America.
S. nigra × myricoides (cordata)? *Dieck.*
S. myricoides × nigra? *Koehne.*

Var. **purpurascens**, *Dieck.*

S. nigra, *Marsh.*; *Sargent* Silva t. 462. North America.
S. ambigua, *Pursh.*
S. caroliniana, *Michx.*
S. flavo-virens, *Hornem.*
S. houstoniana, *Pursh.*
S. ligustrina, *Michx. f.*

Var. **falcata.**

S. nigricans, *Sm.* Alps of North and Central Europe.
S. phylicifolia *var.* nigricans, *F. B. White.*

Var. **andersoniana**, *Syme* Engl. Bot. t. 1351.
S. andersoniana, *Forbes* Salict. Woburn. t. 109.

Var. **ansoniana.**
S. ansoniana, *Forbes* Salict. Woburn. t. 107.

Var. **atrovirens.**
S. atrovirens, *Forbes* Salict. Woburn. t. 108.

Var. **australis.**
S. australis, *Forbes* Salict. Woburn. t. 103.

Var. **cotinifolia**, *Syme* Engl. Bot. t. 1348.
S. cotinifolia, *Sm.* Engl. Bot. t. 1403.

Var. **damascena**, *Syme* Engl. Bot. t. 1352.
S. damascena, *Forbes.*

Var. **firma.**
S. firma, *Forbes* Salict. Woburn. t. 106.

Salix nigricans—*cont.*

Var. **forsteriana**, *Syme* Engl. Bot. t. 1349.
S. forsteriana, *Sm.* Engl. Bot. t. 2341.

Var. **grisonensis.**
S. grisonensis, *Forbes* Salict. Woburn. t. 99.

Var. **helvetica.**
S. helvetica, *Forbes* (not *Vill.*).

Var **hirta**, *Syme* Engl. Bot. t. 1354.
S. hirta, *Sm.* Engl. Bot. t. 1104.

Var. **petraea**, *Syme* Engl. Bot. t. 1353.
S. petraea, *Anderss.*; *Sm.* Engl. Bot. t. 2725.

Var. **rivularis.**
S. rivularis, *Forbes* Salict. Woburn. t. 102.

Var. **rotundifolia.**
S. rotundata, *Forbes* Salict. Woburn. t. 104.

Var. **rupestris**, *Syme* Engl. Bot. t. 1350.
S. rupestris, *Donn*; *Sm.* Engl. Bot. t. 2342.

Var. **strepida.**
S. nigricans × cinerea.
S. strepida, *Forbes* Salict. Woburn. t. 100.

Var. **stylaris.**
S. stylaris, *Ser.*

Var. **vallesiaca**, *Hort.*

Var. **vaudensis.**
S. vaudensis, *Forbes.* Salict. Woburn. t. 117.

S. patula, *Seringe.* Europe.
S. aurita-incana.
S. holosericea, *Hort.* (not *Willd.*).
S. incana-aurita, *Wimm.*
S. micheliana, *Hort.* (not *Forbes*).
S. oleaefolia, *Anderss.*
S. oleifolia, *Forbes* Salict. Woburn. t. 96.
S. salviaefolia, *Link.*

S. Paulinæ, *Suendrm.* Fimberthal, North-west Tyrol.
S. reticulata × Myrsinites?

Salix pentandra, *L.*; *Forbes* Salict. Woburn. t. 34. Europe, N. Asia.
S. humboldtiana, *Hort.* (not *Willd.*).
S. lucida, *Forbes* Salict. Woburn. t. 32 (not. *Muhl.*).
S. meyeriana, *Borrer* (not *Willd.*).

S. petiolaris, *Sm.*; *Forbes* Salict. Woburn. t. 23; *Dippel* Laubholzk. ii., 260, f. 121. N. America.
S. discolor, *Hort.* (not *Muhl.*).
S. fuscata, *Pursh.*

Var. **sericea**, *Anderss.*
S. grisea, *Willd.*
S. petiolaris *var.* grisea, *Torr.*
S. pratensis, *Hort.*
S. sericea, *Marsh.*

S. phylicifolia, *L.* Alps of Northern and Central Europe.
S. bicolor, *Ehrh.*

Var. **borreriana**, *Syme* Engl. Bot. t. 1344.
S. borreriana, *Sm.* Engl. Bot. t. 2619.

Var. **croweana**, *Syme* Engl. Bot. t. 1338.
S. croweana, *Sm.* Eng. Bot. t. 1146.

Var. **laxiflora**, *Syme* Engl. Bot. t. 1340.
S. laxiflora, *Anderss.*; *Sm.* Engl. Bot. t. 2749.

Var. **nitens**, *Syme* Engl. Bot. t. 1337.
S. nitens, *Anderss.*; *Sm.* Engl. Bot. t. 2655.

Var. **patens**, *Forbes* Salict. Woburn. t. 39.

Var. **phillyreifolia**, *Syme* Engl. Bot. t. 1345.
S. phillyreifolia, *Borrer*; *Sm.* Engl. Bot. t. 2660.

Var. **tetrapla**, *Syme* Engl. Bot. t. 1343.
S. tetrapla, *Walker*; *Sm.* Engl. Bot. t. 2702.

Var. **weigeliana**, *Syme* Engl. Bot. t. 1336.
S. weigeliana, *Willd.*; *Sm* Engl Bot. t. 2656.
S. wulfeniana, *Sm.*

S. purpurea, *L.*; *Syme* Engl. Bot. t. 1316; *Forbes* Salict. Woburn. t. 1. Europe, Central and North Asia.
S. carniolica, *Host.*
S. fissa, *Wahlenb.* (not *Hoffm.*).

Salix purpurea—*cont.*

S. fuscata, *Hort.*
S. monandra, *Hoffm.*
S. rosmarinifolia, *Hort.*

Var. **lambertiana**, *Anderss.*; *Syme* Engl. Bot. t. 1318.
S. lambertiana, *Forbes* Salict. Woburn. t.t. 3, 4.
S. pratensis, *Scop.*
S. woolgariana, *Borrer.*

Var. **pendula.** (American Weeping Willow).
S. americana pendula, *Hort.*
S. nigra pendula, *Hort.*

Var. **scharfenbergensis**, *K. Bolle.*

S. pyrifolia, *Anderss.* Rocky Mountains.

S. repens, *L.* Europe, North Asia.

Var. **argentea**, *Syme* Engl. Bot. t. 1362.
S. argentea, *Sm.* Engl. Bot. t. 1364.
S. californica, *Hort.*
S. sericea, *Hort.*
S. sericea pendula, *Hort.*
S. woolseyana, *Hort.*

S. reticulata, *L.*; *Syme* Engl. Bot. t. 1379. Arctic and alpine regions of northern hemisphere.
Chamitea reticulata, *Kern.*; *Dippel* Laubholzk. ii., 212, f. 106.

S. retusa, *L.*; *Forbes* Salict. Woburn. t. 139. Europe, N. Asia.

Var. **serpyllifolia**, *Anderss.*; Forbes Salict. Woburn. t. 65.
S. serpyllifolia, *Scop.*

S. retusa × herbacea. Europe.

S. rosmarinifolia, *L.*; *Forbes* Salict. Woburn. t. 87. Europe.
S. angustifolia, *Wulf.*
S. Arbuscula, *Forbes* Salict. Woburn. t. 86.
S. caesia, *Hort.* (not *Vill.*).
S. canaliculata, *Bess.*
S. integra, *Thunb.*
S. littoralis, *Host.*

rosi arinifolia—*cont.*
..inifolia, *Willd.*
tensis, *Host.*
ns *var.* rosmarinifolia, *Anderss.*
nis, *Host.*

rata, *Richards.* North America.
S. bebbiana, *Sargent* Silva t. 477.
S. livida *var.* occidentalis, *A. Gray.*
S. vagans *var.* rostrata, *Anderss.*

S. rubra, *Huds.*; *Forbes* Salict. Woburn. t. 4. Europe.
S. concolor, *Host.*
S. fissa, *Hoffm.* (not *Wahlenb.*).
S. membranacea, *Thuill.*
S. purpurea × viminalis.

Var. **forbyana,** *Syme* Engl. Bot. t. 1321.
S. forbyana, *Wimm.*; *Forbes* Salict. Woburn. t. 5.

Var. **Helix,** *Syme* Engl. Bot. t. 1319.
S. Helix, *Sm.* Engl. Bot. t. 1343.
S. purpurea *var.* Helix, *Anderss.*
S. pyramidalis, *Hort.*

S. secerneta, *F. B. White.* Britain.
S. purpurea × phylicifolia.

S. sesquitertia, *F. B. White.* Britain.
S. purpurea × aurita × phylicifolia.

S. sieboldiana, *Blume.* Japan.

S. silesiaca, *Willd.* Europe.
S. fagifolia, *Willd.*
S. lasiocarpa, *Wimm.*
S. Ludwigii, *Schkuhr.*
S. silesiaco-Lapponum, *Wimm.*

Var. **subcaprea,** *Anderss.*
S. Caprea-silesiaca, *Wimm.*

S. smithiana, *Willd.* Europe.
S. mollissima, *Sm.* (not *Ehrh.*).
S. pannosa, *Hort.* (not *Schleich.*).
S. viminalis × Capreae?

Salix smithiana—*cont.*

Var. **acuminata**, *Anderss.*
S. acuminata, *Sm.*; *Syme* Engl. Bot. t. 1326.
S. Calodendron, *Wimm.*
S. Caprea-dasyclados, *Wimm.*
S. dasyclados, *Wimm.*

Var. **ferruginea.**
S. cinerea-viminalis, *Wimm.*
S. ferruginea, *Borrer*; *Syme* Engl. Bot. t. 1325.

Var. **velutina**, *Anderss.*
S. holosericea, *Willd.*
S. micheliana, *Forbes* Salict. Woburn. t. 135.
S. rugosa, *Leefe.*

S. sobrina, *F. B. White.* Europe.
S. herbacea × Lapponum.

S. sordida, *Kern.* Europe.
S. cinerea-purpurea, *Wimm.*
S. pontederana, *Schleich.* var. sordida, *Anderss.*
S. purpurea × cinerea.
S. subpurpurea-cinerea, *Kern.*

S. spuria, *Schleich.* Europe.
S. Arbuscula × Lapponum.

S. stipularis, *Sm.* Engl. Bot. t. 1214. Europe.
S. viminalis × smithiana ?

S. triandra, *L.*; *Syme* Engl. Bot. t. 1313. Europe, N. Asia.
S. hoppeana, *Willd.*
S. tenuiflora, *Host.*

Var. **amygdalina**, *Syme* Engl. Bot. t. 1315.
S. amygdalina, *L.*

Var. **hoffmanniana**, *Syme* Engl. Bot. t. 1314.
S. hoffmanniana, *Sm.*

S. undulata, *Ehrh.*; *Syme* Engl. Bot. t. 1312. Europe.
S. lanceolata, *Sm.* Engl. Bot. t. 1436.
S. triandra-alba, *Wimm.*

Salix viminalis, *L.*; *Forbes* Salict. Woburn. t. 133. Russia and North Asia. (Cultivated throughout Europe).
S. longifolia, *Lam.*
S. tristis, *Hort.* (not *Ait.*).
S. virescens, *Vill.* (not *Forbes*).

S. viridis, *Fries.* Europe.
S. fragilis, *Forbes* Salict. Woburn. t. 27 (not *L.*).
S. fragilis × alba.
S. montana, *Forbes* Salict. Woburn. t. 19.

S. wardiana, *F. B. White.* Britain.
S. phylicifolia × cinerea.

Populus alba, *L.*; *Syme* Engl. Bot. t. 1299. Europe, N. Africa, N. & W. Asia.

Var. **nivea.**
P. acerifolia, *Hort.*
P. arembergiana, *Hort.*
P. arembergica, *Hort.*
P. argentea, *Hort.*

Var. **pyramidalis.**
P. alba *var.* croatica, *Wesmael.*
P. bolleana, *Lauche.*
P. croatica, *Waldst. & Kit.*
P. Korolkowi, *Hort.*

Var. **macrophylla**, *Hort.*
P. Picarti, *Hort.*

Var. **globosa**, *Hort.*

Var. **foliis aureis variegatis.**

P. angustifolia, *James*; *Sargent* Silva t. 492. North America.
P. balsamifera *var.* angustifolia, *S. Watson.*
P. canadensis *var.* angustifolia, *Wesmael.*
P. salicifolia, *Rafin.*

P. balsamifera, *L.*; *Sargent* Silva, t. 490. North America.

Var. **elongata.**

Populus balsamifera—*cont.*

Var. **candicans**, *A. Gray*; *Sargent* Silva, t. 491.
P. candicans, *Ait.*
P. ontariensis, *Hort.*

Var. **variegata.**

P. berolinensis, *Dippel.* Origin uncertain.
P. laurifolia *var.* berolinensis, *Hort.*
P. hybrida *var.* berolinensis, *C. Koch.*
P. balsamifera berolinensis, *Hort.*
P. laurifolia × deltoidea ?

P. canescens, *Sm.*; *Syme* Engl. Bot. t. 1300.
P. albo-tremula, *Krausse.*

P. certinensis, *Hort.* Garden origin.

P. deltoidea, *Marsh.*; *Sargent* Silva, t.t. 494–5. North America.
P. Acladesca, *Lindl.*
P. angulata, *Ait.*
P. angulosa, *Michx.*
P. canadensis, *Moench.*
P. carolinensis, *Moench.*
P. cordata, *Hort.*
P. dilatata *var.* carolinensis, *Willd.*
P. glandulosa, *Moench.*
P. heterophylla, *Duroi* (not *L.*).
P. laevigata, *Ait.*
P. latifolia, *Moench.*
P. macrophylla, *Hort.*
P. marylandica, *Bosc.*
P. monilifera, *Ait.*
P. nigra, *Marsh.* (not *L.*).
P. nigra *var.* helvetica, *Poir.*
P. nigra *var.* virginiana, *Castigl.*
P. serotina, *Hartig.*
P. virginiana, *Fouger.*

Var. **aurea**, *Van Geert.*
P. canadensis aurea, *Hort.*
P. vanhoutteana, *Hort.*

Var. **erecta.**
P. canadensis *var.* erecta, *Dippel.*
P. monilifera *var.* erecta, *Selys.*

emontii, *S. Wats.*; *Sargent* Silva, t. 496. Cali-
&c.

, *Michx.*; *Sargent* Silva, t. 488. North
a.

lla, *L.*; *Sargent* Silva t. 489. North America.
gentea, *Michx. f.* Hist. Arb. Am. iii., 290, t. 9.
balsamifera, *Mill.* (not *L.*).
. cordifolia, *Burgsdorf.*
P. ontariensis macrophylla, *Hort.*

Var. **pendula.**
P. pendula, *Burgsdorf.*
P. supina, *Lodd.*

Var. **villosa**, *Syme.*
P. canescens, *Reich.* (not *Sm.*).
P. villosa, *Lange.*

laurifolia, *Ledeb.* Altai region of Southern Siberia.
P. balsamifera *var.* laurifolia, *Wesmael.*
P. balsamifera *var.* viminalis, *Loud.*
P. crispa, *Hort.*
P. crispa Lindleyi, *Hort.*
P. lindleyana, *Booth.*
P. longifolia, *Fisch.*
P. salicifolia, *Hort.*
P. undulata, *Hort.*
P. viminalis, *Lodd.*

moscoviensis, *Schroeder.* Origin uncertain.

nigra, *L.*; *Syme* Engl. Bot. t. 1302. Europe, N. Asia.
P. fistula, *Hort.*
P. versicolor, *Salisb.*
P. vistulensis, *Hort.*

Var. **betulaefolia**, *Wesmael.*
P. betulifolia, *Pursh.*
P. hudsonica, *Michx.* Hist. Arbr. Am. iii., 293 t. 10 f. 1.

Var. **Nolestii.**
P. Nolestii, *Hort.*

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Populus nigra—*cont.*

Var. **pyramidalis**, *Spach.*
P. dilatata, *Soland.*
P. fastigiata, *Pers.*
P. italica, *Moench.*
P. pannonica, *Hort.*
P. polonica, *Hort.*
P. pyramidalis, *Salisb.*

Var. **pyramidalis gigantea.**
P. fastigiata gigantea.

P. petrowskyana, *Schroeder.* Garden origin.
? P. canadensis × suaveolens.

P. rasumowskyana, *Schroeder.* Garden origin.
? nigra × suaveolens.

P. Sieboldii, *Miq.* Japan.
P. rotundifolia, *Hort.*

P. Simonii, *Carr.*; *Dippel* Laubholzk. ii., t. 211, f. 10 China.
P. balsamifera, *var.* Simonii, *Dieck.*

P. suaveolens, *Fisch.* North-west India to Japan, &c.
P. balsamifera *var.* suaveolens, *Loud.*
P. macrocarpa, *Schrenk.*
P. pseudobalsamifera, *Fisch.*

P. tremula, *L.*; *Syme* Engl. Bot. t. 1301. Europe, N. Africa, N. Asia.
P. australis, *Tenore.*
P. cilicica, *Kotschy.*

P. tremuloides, *Michx.*; *Sargent* Silva t. 487. North America.
P. atheniensis, *C. Koch.*
P. benzoifera, *Tausch.*
P. graeca, *Lauche.*
P. tremuliformis, *Emerson.*
P. trepida, *Willd.*

Var. **pendula.**
P. juliana pendula, *Hort.*

Populus trichocarpa, *Hook.; Sargent* Silva t. 493. Western North America.
P. balsamifera *var.* trichocarpa, *S. Wats.*

P. tristis, *Fisch.*; *Dippel* Laubholzk. ii., 205, f. 98. North-eastern Asia.

P. Viadri, *M. Ruediger.* Origin uncertain.

P. Wobstii, *Schroeder.* Garden origin?
P. balsamifera *var.* Wobstii, *Dippel* Laubholzk. ii., 207, f. 101.

Empetraceæ.

Empetrum nigrum, *L.*; *Syme* Engl. Bot. t. 1251. North temperate and arctic zones.
E. crassifolium, *Rafin.*
E. procumbens, *L.*

Var. **scoticum**, *Loud.*
E. scoticum, *Hook.*

Var. **tomentosum**, *Dippel.*
E. tomentosum, *Hort.*

Corema album, *D. Don.* Portugal.
Empetrum lusitanicum, *Hort.*

C. Conradii, *Torr.* Northern United States, &c.
Empetrum Conradii, *Torr.*

[redacted]

GYMNOSPERMEÆ.

Gnetaceæ.

Ephedra americana, *Humb. & Bonpl.* var. **andina,** *Stapf.* Chili.
E. andina, *Poepp. & Endl.*
E. bracteata, *Miers.*
E. chilensis, *Miers.*
E. monticola, *Miers.*

E. distachya, *L.* Europe, Asia minor.
Var. **monostachya,** *Stapf.*
E. monostachya, *L.*

E. foliata, *C. A. Mey.* Northern and Central Asia.
E. Alte, *Brandis.*
E. asparagoides, *Griff.*
E. Kokanica, *Regel.*
E. peduncularis, *Boiss.*

E. fragilis, *Desf.; Sibth.* Fl. Graeca, t. 961. Mediterranean region, &c.
Var. **campylopoda,** *Stapf.*
E. campylopoda, *C. A. Mey.*

E. gerardiana, *Wall.* Himalaya.
E. vulgaris, *Aitch.*

E. helvetica, *C. A. Mey.* Switzerland, Italy, Southern France.
E. distachya, *Suter* (not *L.*).

E. trifurca, *Torr.* Western North America.

MONOCOTYLEDONS.

Liliaceæ.

† Smilaceæ.

Smilax aspera, *L.*; Nouv. Duham. i., 234, t. 53. Mediterranean region, &c.
S. sagittaefolia, *Lodd.* Bot. Cab. t. 1799.

Var. **maculata**, *A.DC.* East Indies.
S. maculata, *Roxb.*

Var. **mauritanica**, *A.DC.*
S. catalonica, *Poir.*
S. mauritanica, *Desf.*; Flore des Serres, t. 1049.

S. Bona-nox, *L. var.* **hastata**, *A.DC.* South United States.
S. hastata. *Willd.*

S. China, *L.* China, Japan, &c.
S. japonica, *A. Gray.*
S. pteropus, *Miq.*
Coprosmanthus japonicus, *Kunth.*

S. excelsa, *L.*; Nouv. Duham. i., 236, t. 54; *Sibth.* Fl. Graeca, t. 959. South-west Europe, Asia Minor, &c.
S. canariensis, *H. C. Wats.* (in part).
S. China, *S. T. Gmel.* (not *L.*).
S. laevis, *Gueldenst.* (not *Wall.*).

S. glauca, *Walt.*; Bot. Mag. t. 1846. North America.
S. Sarsaparilla, *L.* (in part).
S. spinulosa, *Sm.*

S. herbacea, *L.*; Bot. Mag. t. 1920. North America.
Coprosmanthus herbaceus, *Kunth.*

Var. **peduncularis**, *A.DC.*
S. peduncularis, *Muhl.*
S. pulverulenta, *Michx.*

S. hispida, *Muhl.* North America.
S. grandifolia, *Buckl.*

Smilax rotundifolia, *L.* North America.
S. caduca, *L.*
S. quadrangularis, *Muhl.*; *Wats.* Dendr. Brit. t. 109.
S. Sarsaparilla, *Hort.*
S. virginiana, *Hort.* (not *Mill.*).

S. tamnoides, *L.* North America.
S. tamnifolia, *Michx.*
Coprosmanthus tamnifolius, *Kunth.*

S. Walteri, *Pursh.* North America.

† † ASPARAGEÆ.

Ruscus aculeatus, *L.*; *Syme* Engl. Bot. t. 1516. Europe, &c.

R. Hypoglossum, *L.*; *Sibth.* Fl. Graeca, t. 955. South Europe.
R. Hypophyllum *var.* Hypoglossum, *Lam.*

R. Hypophyllum, *L.*; Bot. Mag. t. 2049. South-west Europe, N. Africa.
Ruscus microglossus, *Bert.*

Danaea Laurus, *Medic.* Asia Minor, &c.
D. racemosa, *Moench*; *Wats.* Dendr. Brit. t. 145.
Danaida racemosa, *Link.*
Ruscus racemosus, *L.*

† † † LUZURIAGEÆ.

Luzuriaga radicans, *Ruiz & Pav.* Chili, Peru.

† † † † DRACENEÆ.

Yucca angustifolia, *Pursh*; Bot. Mag. t. 2236. Missouri to Colorado and New Mexico.
Var. **stricta,** *Baker.*
Y. angustifolia *var.* mollis, *Engelm.*
Y. stricta, *Sims.*; Bot. Mag. t. 2222.

Y. filamentosa, *L.*; Bot. Mag. t. 900. Southern United States.
Var. **flaccida,** *Baker.*
Y. flaccida, *Haw.*; Bot. Reg. t. 1895.

Yucca glauca, *Sims* Bot. Mag. t. 2662. Southern United States.

Y. gloriosa, *L.*; Bot. Mag. t. 1260. Southern United States.

Var. **Ellacombei**, *Baker.*
Y. Ellacombei, *Baker*; *Saund.* Ref. Bot. t. 317.

Var. **variegata**, *Hort.*

Y. orchioides, *Carr.* Rev. Hortic. 1861, 369, ff. 89, 90. Southern United States.
Y. filamentosa *var.* orchioides, *Baker.*

Var. **major**, *Baker* Bot. Mag. t. 6316.

Y. recurvifolia, *Salisb.*; *Saund.* Ref. Bot. t. 321. Southern United States.
Y. japonica, *Hort.*
Y. pendula, *Sieb.*
Y. recurva, *Haw.*

Var. **variegata**, *Hort.*

Y. rupicola, *Scheele*; Bot. Mag. t. 7172. Southern United States and Mexico.
Y. contorta, *Hort.*
Y. lutescens, *Carr.*
Y. tortifolia, *Lindh.*

Palmeæ.

Trachycarpus excelsus, *H. Wendl.* Japan.
T. Fortunei, *H. Wendl.*
Chamaerops excelsa, *Thunb.*
C. Fortunei, *Hook.* Bot. Mag. t. 5221.

Gramineæ.

† Festuceæ.

Arundo Donax, *L.* Mediterranean region, &c.
Donax arundinaceus, *Beauv.*
Scolochloa arundinacea, *Mert. & Koch.*

Var. **variegata**, *Hort.*

†† Bambuseæ.

Arundinaria anceps, *Mitford.* Origin uncertain.

A. aristata, *Gamble.* North-eastern Himalaya.

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Arundinaria auricoma, *Mitford.* Japan.
A. Fortunei *var.* aurea, *Hort.*
Bambusa Fortunei *var.* aurea, *Hort.*
B. Maximowiczii, *Hort.* (in part).

A. chrysantha, *Mitford.* Japan.
Bambusa chrysantha, *Hort.*

A. Falconeri, *Mitford.* Himalaya.
Thamnocalamus Falconeri, *Hook. f.*

A. Fortunei, *A. & C. Rivière.* Japan.
Bambusa Fortunei, *Van Houtte.*
B. Fortunei *var.* variegata, *Hort.*

A. falcata, *Nees.* Himalaya.
Bambusa falcata, *Hort.*
B. gracilis, *Hort.* (in part).

A. Hindsii, *Munro.* Japan.
Bambusa erecta, *Hort.*
B. jacile, *Hort.*
Kanzan-chiku, *Hort. Jap.*

Var. **graminea**, *Bean.*
Bambusa graminea, *Hort.*
Taimin-chiku, *Hort. Jap.*

A. hookeriana, *Munro.* Sikkim.

A. humilis, *Mitford.* Japan.
A. Fortunei *Hort.* (green form).
Bambusa gracilis *Hort.* (in part).

A. japonica, *Sieb. & Zucc.*; Gard. Chron. 1894, xv., 289, f. 26.
Japan.
Bambusa Metake, *Sieb.*
Phyllostachys bambusoides, *Hort.* (not *Sieb. & Zucc.*).
Mé-také, *Hort. Jap.*

A. Laydekeri, *Hook. f.*; *Mitford* Bamboo Garden, 92, f.
Bambusa Laydekeri, *Marliac.*
Hakoné-chiku, *Hort. Jap.*

A. macrosperma, *Michx.* North America.

Var. **tecta**, *A. Gray.*
A. macrosperma *var.* suffruticosa.
Bambusa Hermanni, *Hort.*
B. Neumanni, *Hort.*

Arundinaria nitida, *Mitford.* Central China.
A. khasiana, *Hort.* (not *Munro*).
Bambusa Kan-si, *Hort. Chin.*

A. nobilis, *Mitford.* Origin uncertain.

A. pumila, *Mitford.* Japan.
Bambusa pumila, *Hort.*

A. Simoni, *A. & C. Rivière.* Gard. Chron. 1894, xv., 301 f. 35. China.
Bambusa Simoni, *Carr.*
B. viridi-striata, *Hort.*
Narihiradaké, *Hort. Jap.*

Var. **variegata**, *Hook. f.* Bot. Mag. t. 7146.
Bambusa albo-striata, *Hort.*
B. Maximowiczii, *Hort.* (in part).
B. plicata, *Hort.*

A. spathiflora, *Trin.* Himalaya.
Thamnocalamus spathiflorus, *Munro.*

A. Veitchii, *N. E. Brown*; *Mitford* Bamboo Garden, p. 77, f. Japan, &c.
A. kurilensis *var.* paniculata, *Schmidt.*
Bambusa albo-marginata, *Hort.*
B. senanensis, *Hort.* (not *Franch & Savat.*).
B. tessellata, *Hort.* (not *Munro*).
B. Veitchii, *Carr.*
Ko-Kumasasa, *Hort. Jap.*
Yakiba-zasa, *Hort. Jap.*

Bambusa angustifolia, *Mitford.* Japan.
B. Vilmorini, *Hort.*

B. disticha, *Mitford.* Origin uncertain.
B. nana, *Hort.* (not *Roxb.*).

B. marmorea, *Mitford* Bamboo Garden, 93, f. Japan.
Kan-chiku, *Hort. Jap.*

B. Nagashima, *Marliac.* Japan.

B. palmata, *Burbidge*; *Mitford* Bamboo Garden, 79, f.; Gard. Chron. 1890, vii., 641, f. 1; 1894, xv., 169, f. 18. Japan.
Kumasasa, *Hort. Jap.*

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Bambusa pygmaea, *Miq.* Japan.

B. quadrangularis, *Fenzi.* China? Japan.
Shiho-chiku, *Hort. Jap.*

B. tessellata, *Munro*; Gard. Chron. 1894, xv., 167, f. 17.
China, Japan.
B. Ragamowski, *Hort.*
Arundo Ragamowski, *Hort.*

Phyllostachys aurea, *A. & C. Rivière.* Japan.
Bambusa aurea, *Hort.*
B. sterilis, *Hort. Jap.*
Hôrai-chiku, *Hort. Jap.*
Taibô-chiku, *Hort. Jap.*
Hotei-chiku, *Hort. Jap.*

P. bambusoides, *Sieb & Zucc.* Japan.
Ya-daké, *Hort. Jap.*

P. boryana, *Mitford.* Japan.
Bambusa boryana, *Marliac.*

P. Castillonis, *Mitford.* Japan.
B. Castilloni, *Carr.*; Rev. Hort. 1886, 513, f. 122.
Bambusa Castillonis, *Marliac.*
Kimmei-chiku, *Hort. Jap.*

P. fastuosa, *Hort. Kew.* Japan.
Bambusa fastuosa, *Marliac.*

P. flexuosa, *A. & C. Rivière.* North China.
Bambusa flexuosa, *Hort.* (not *Munro*).

P. Henonis, *Mitford.* Japan.
Bambusa Henonis, *Hort.*
Ha-chiku, *Hort. Jap.*

P. heterocycla, *Mitford* Bamboo Garden, p. 160, f. Japan.
Bambusa heterocycla, *Carr.* Rev. Hortic. 1878, 354, f. 80.
Kiko-chiku and Kimon-chiku, *Hort. Jap.*

P. marliacea, *Mitford.* Japan.
Bambusa marliacea, *Hort.*
Shibo-chiku and Shiwa-chiku, *Hort. Jap.*

[redacted]

Phyllostachys mitis, *A. & C. Rivière.* Japan.
Bambusa mitis, *Hort.* (not *Poir.*).
Môsô-chiku, *Hort. Jap.*

P. nigra, *Munro*; Gard. Chron. 1894, xv., 369, f. 46. Japan.
Bambusa nigra, *Lodd.*
Kuro-daké, *Hort. Jap.*
Goma-daké, *Hort. Jap.*
Kuro-chiku, *Hort. Jap.*

Var. **punctata**, *Bean.*
Bambusa nigro-punctata, *Hort.*

P. Quilioi, *A. & C. Rivière*; Gard. Chron. 1894, xv., 431, f. 52. Japan.
Bambusa Mazeli, *Hort.*
B. Duquilioi, *Hort.*
B. Quilioi, *Carr.*

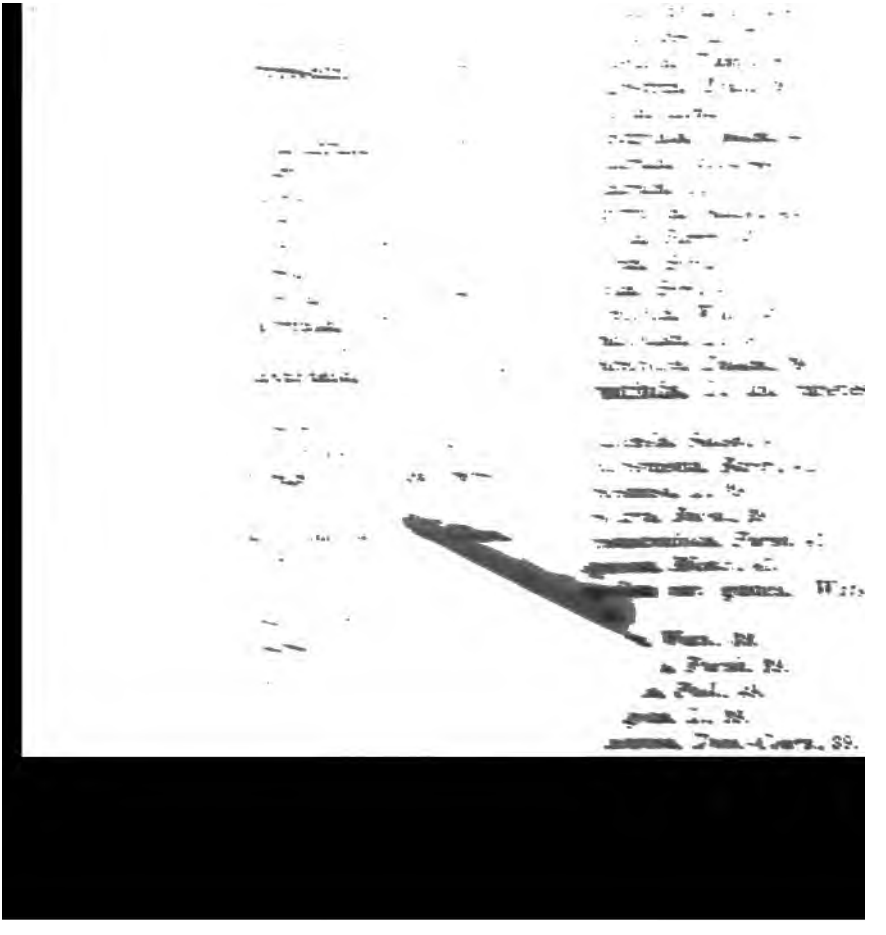
P. ruscifolia, *Hort. Kew.* Japan.
P. Kumasaca, *Munro*; Gard. Chron. 1894, xv., 369, f. 45.
P. Kumasasa, *Mitford.*
Bambusa ruscifolia, *Sieb.*
B. viminalis, *Hort.*
Bungozasa, *Hort. Jap.*

P. sulphurea, *A. & C. Rivière.* Japan.
Bambusa sulphurea, *Hort.*
Madaké, *Hort. Jap.*

P. violascens, *A. & C. Rivière.* Japan?
Bambusa violascens, *Hort.*

P. viridi-glaucescens, *A. & C. Rivière*; Gard. Chron. 1894, xv., 433, f. 53. China.
Bambusa viridi-glaucescens, *Carr.*

INDEX.



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ROYAL GARDENS, KEW.

HAND-LIST

OF

CONIFERÆ

GROWN IN

THE ROYAL GARDENS.

LONDON:
SOLD AT THE ROYAL GARDENS, KEW.
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

1896.

Price Threepence.

PREFACE.

The present Hand-list might properly have formed part of that of the "Trees and Shrubs grown in the Arboretum," but so many persons possess collections of Conifers who are not interested in other ligneous plants that there was an obvious convenience in treating them separately. There was the further advantage that this enabled the species which are grown under glass to be included. The natural order, or rather group, *Coniferæ*, is so well defined that it is desirable to enumerate in one list all the species actually in cultivation at Kew.

The present Hand-list comprises 227 species, with 340 varieties, belonging to 37 genera.

Sir Joseph Hooker, the late Director of the Royal Gardens, had contemplated the preparation of a Catalogue of the Kew Pinetum. In view of it he had drawn up a brief review of the literature of the subject, which he has now, after revision, kindly permitted to be used.

"In the following list the species are referred to the genera under which they have been placed by the latest authorities, who have revised the Order *Coniferæ*. That such an authoritative list should be published is the wish of all intelligent cultivators of these interesting plants, and its publication in this country is rendered all the more needful from the fact that British cultivators alone persist in referring the Silver Firs to *Picea*, and the

u 90012. 1000.--3/96. Wt. 18719. A 2

Spruces to *Abies*, a practice long a
tinent, and which has not been
And if, as I hope, the correct nome
be adopted in regard to the Latin :
would further urge a reform in re
equivalents, in so far as to confine
Pine to the species of *Pinus*, of S
and of Silver Fir to those of *Ab*
be in accordance with the univer
North America, which is the hea
genera, where a Pine is never c
called a Spruce, nor a Spruce a Pi

The following historic sketch o
Botanists to limit the genera and
shows how divergent have been
endeavoured to make it more
(where there are materials for
attempt the number of species kn
further showing the progressive
during the last hundred and eight

In 1803 was published the first edition of Lambert's *Genus Pinus*, containing about 35 species of *Abietineæ*, all included under *Pinus*.

In 1813 the second edition or the *Hortus Kewensis* appeared, in which, as before, all the *Abietineæ*, (increased to 29) are included under *Pinus*.

In 1826 Louis Claude Richard's *Mémoire sur les Conifères* was edited by his son. This classical work is the earliest that dealt scientifically with the order *Coniferæ*, and in it the Tribe *Abietineæ* was first established, to include *Pinus* (under which were placed Spruces and Silver Firs), and *Larix* (which included the cedars), to these were added, *Cunninghamia*, *Agathis* (*Dammara*), and *Araucaria*, which now form a distinct Tribe.

In 1827 Link, in the *Journal of the Academy of Sciences of Berlin*, proposed the five genera: *Pinus*, *Picea* (for Spruces), *Abies* (for Silver Firs), *Larix*, and *Cedrus*.

In 1832 the second edition of Lambert's *Genus Pinus* appeared, wherein the *Abietineæ* were all, as before, included under *Pinus*; which however was broken up by David Don (Lambert's Herbarium keeper) into six sections, *Pinus*, *Strobus*, *Abies* (for the Spruces), *Picea* (for the Silver Firs and Tsugas), *Larix*, and *Cedrus*. About 48 species in all are described.

In 1838 Loudon's great work, the *Arboretum et Fruticetum Britannicum* appeared. The Tribe *Abietineæ* is here adopted as defined by Richard, with the genera *Pinus*, *Abies*, *Picea*, *Larix*, and *Cedrus*: and here that confusion of *Abies* and *Picea* which so distresses British foresters and planters had its origin. At p. 2105 there

is a clavis of the genera, where the
buted to Link, but the characters
of Link's *Picea*; and in like manne
to Link, though the characters give
Abies, and they are followed by
Turning now to the full accoun
p. 2293, we find "*Abies*, D. Don in
with the addition of "*Picea*, Li
followed by descriptions of the
p. 2329 we have "*Picea*, D. Don in
with *Abies*, Link, as a synonym;
tions of the Silver Firs. Now not
of Lambert's work subsequent to
of *Picea* for Spruces and *Abies* for
nowhere in Lambert's *Genus P*
names as generic. Disregarding th
probably originated in the elabor
being a composite work of Don a
apart, there remains but one arg

In 1841–46, Antoine's *Die Coniferen* appeared, in which all the *Abietineæ* are referred to *Pinus*, with sections of *Pinus* proper, *Larix*, *Cedrus*, *Picea*, Don, *Abies*, Don, and *Tsuga;* he describes 90 species.

In 1842 Spach, in his *Histoire Naturelle des Végétaux*, adcpted *Pinus*, *Abies* (including under it as sections *Picea*, Link, *Tsuga*, and *Pseudotsuga*), *Cedrus*, and *Larix*.

Endlicher, in the same year, in his *Genera Plantarum* reverted to Linnæus' practice of including all under *Pinus*, but made four sections—*Pinus* proper, *Picea*, Link, *Abies*, Link, and *Larix*, including *Cedrus*.

In the same author's *Synopsis Coniferarum*, published two years later, he maintains the genus *Pinus* entire, as before, but subdivides it into 11 sections, with 109 species.

In 1850 Lindley and Gordon published (in the *Journal of the Horticultural Society*, vol. v.) "An "Enumeration of *Coniferæ* cultivated in Great Britain," where two genera only are adopted, *Pinus* and *Abies*, and the latter is subdivided into Firs (including Spruces), Larches, and Cedars, with 119 species.

Meisner in 1836–43 published his *Genera Plantarum Vascularum*, wherein he includes all *Abietineæ* under *Pinus*, with, as sections, *Pinus* proper, *Picea*, Link, *Abies*, Link, and *Larix*, including *Cedrus*.

In 1855 Carrière's *Traité général des Conifères* appeared; he keeps up *Pinus*, *Abies*, Link, *Picea*, Link, *Larix*, *Cedrus*, and *Tsuga*, which includes *Pseudotsuga*. This work enumerates 133 species, many of which are now ranked as varieties.

In 1858 appeared the first
Pinetum, in which he maintains
(including *Tsuga* and *Pseudotsuga*
Cedrus, and *Pseudolarix*. He en
of which many are imperfectly kn

In 1865 Henkel and Hochstette
Coniferen, with the following
Abies (including *Picea*, Link, *Al*
Pseudotsuga), *Cedrus*, *Larix*, a
Pseudolarix, Gord. They describ
should be reduced much as Carrièr

In 1867 the second edition of
published, in which all the genera
are retained together with *Pseudo*
and 153 species are described, ex
ones.

In 1868 Parlatore's monograph
in the 16th volume of De Candoll
genus *Pinus* is divided into tw

In 1886 Dr. M. T. Masters published (*Journal of the Linnean Society*, xxii pp. 169–212, tt. 2–10, with 32 woodcut figures in the text) some "Contributions to the History of certain Conifers." This was followed in 1890 by a "Review of some points in the comparative Morphology, Anatomy, and Life History of the Coniferæ" (*Journ. Linn. Soc*, xxvii., pp. 226–332, with 29 woodcut figures in the text), and in 1895 by "Notes on the Genera of *Taxaceæ* and *Coniferæ*" (*Journ. Linn. Soc.*, xxx., pp. 1–42).

In 1889, two years after his death, Dr. A. W. Eichler's elaboration of the Coniferæ appeared in Engler and Prantl's *Die Natürlichen Pflanzenfamilien*. He classifies the genera under two primary divisions: *Pinoideæ* and *Taxoideæ*. The former he again divides into *Abietineæ* and *Cupressineæ*, with several ternary divisions, and the latter into *Podocarpeæ* and *Taxeæ*. The genera are limited, with few exceptions, as they are by Bentham and Hooker; but he retains *Chamæcyparis*, *Thuiopsis* and *Pseudolarix*, and sinks *Pseudotsuga* in *Tsuga* and *Prumnopitys* in *Podocarpus*.

In 1891 L. Beissner published a *Handbuch der Nadelholzkunde*. This was preceded by a *Handbuch der Coniferen-Benennung* (1887), followed by two supplements (1891–2) on *Einheitliche Coniferen-Benennung*. Beissner deals critically with the numerous natural and garden varieties and hybrids. He has also paid much attention to nomenclature, though he accepts familiar names rather than revive obscure ones on the rule of priority.

In 1892 the Royal Horticultural Society held a "Conifer Conference," and the papers read thereat form

the fourteenth volume of the *Jou*
This is one of the most interesting v
Society, containing a great variety
tion concerning *Coniferæ*, includi
duction and a list of the species
Britain and Ireland, by Dr. M. T. M

In 1894 H. Baillon (*Histoire de*
45) published an account of the or
of the genera, which he reduced to t
Casuarina. He divides the order
namely: *Taxées*, *Cupressées*, *Jun*
Nagéiées, *Araucariées*, *Pinées*, ar
inclusion of the last is inexplicable,
nomenclature will not meet wit
Belis, Salisb. is revived for *Cun*
Podocarpus, Labill. for *Phyllocla*
Salisb. for *Dammara*, Lamk., and
Podocarpus, L'Herit."

Sir Joseph Hooker. Of these Dr. Masters has been so good as to furnish the following brief explanation :—

"The arrangement of the genera in the following list differs in a few particulars from that adopted in Bentham and Hooker's *Genera Plantarum.* The principal difference consists in the maintenance of the *Taxaceæ* as a distinct order as originally proposed by Richard and followed by Endlicher, Lindley, and many other botanists. This arrangement permits of a more natural arrangement of the several taxaceous genera under two tribes, the *Salisburineæ* comprising *Ginkgo, Cephalotaxus,* and *Torreya,* and the *Taxineæ* including the two sub-tribes *Taxeæ* and *Podocarpeæ. Prumnopitys,* Philippi (with which *Stachycarpus,* Van Tieghem, is synonymous) is placed by Bentham and Hooker under *Podocarpus,* but the combination of morphological and histological characters point to the desirability of maintaining it as a separate genus.

Among the *Coniferæ* or *Pinaceæ* proper a few changes have been made from the grouping of Bentham and Hooker in accordance with the fuller knowledge of certain points of structure that is now available. *Tetraclinis* is proposed as a distinct genus, represented by the North African *Callitris quadrivalvis,* on the ground of its structure and geographical distribution. *Widdringtonia* is separated from *Callitris* for similar reasons.

The sub-divisions of *Cupressus* and of *Thuya* have been bandied about between the two genera. The genus *Cupressus,* as here understood, includes the Cypresses

proper and the so-called flat Cypre
which Bentham and Hooker plac
which others prefer to consider
Retinispora, it is now well know
separate generic position. The Nor
Thuiopsis, placed under *Thuya* by I
is more like a *Cupressus*, whilst
known under the same generic n
Probably the fusion of *Cupressus*
genus would be the most natural
practice the inconvenience of such
consequent confusion of the non
almost intolerable.

Pseudolarix of Gordon is shown
to constitute a distinct genus, as
by Bentham.

Keteleeria of Carrière, referred
is also shown by the fuller knowl
its structure to constitute a distinct

recorded, "which formed the collection in the original Arboretum." Some of these still remain. According to Smith (p. 286), "within a few yards of the entrance gates on Kew Green stands a specimen of *P. Laricio* (the Corsican Pine). In 1825 the late R. A. Salisbury informed me that he brought it from the south of France, in the year 1814; it is now (1880) 85 feet high, and the most conspicuous tree in the Gardens."

Ginkgo biloba (Salisburia adiantifolia), first introduced in 1754, was, according to Smith (p. 267), "originally trained against a wall like a fruit tree; upon the wall being taken down, and the branches cut away, it is now (1880) a fine tree. When against the wall one of its side branches early produced male flowers." It again did so in 1895, and probably in previous years.

Cedrus Deodara was, according to Smith (p. 287), introduced "by the Hon. Leslie Melville, in the year 1831, who, on visiting the Gardens, gave me a few seeds which he had loose in his pocket, one of which vegetated, and after several years nursing was planted in the old Arboretum. . . . In 1864 it had attained a height of 32 feet." The tree became diseased and was taken down in 1888. Near its former position is one, now nearly as large, raised from seed ripened in England by Sir T. D. Acland, Bart.

In 1843, by permission of the Queen, about 45 acres were added to the original Botanic Garden for the formation of a Pinetum. This included the ground formerly bounded by a wire fence on which the Palm House now stands, and to the north, west, and south of it. Smith (*Records*, p. 291) says:—"The area was planted with conifers . . . . without any special

arrangement." Many of these stil
attained a considerable size; one of
is the fine specimen of *Pinus mon*
high.

Kew owes its existing Pinetum to
who has always taken a peculiar int
and striking group of plants. A v
enabled him to study the Cedar of I
locality.

Perhaps one of the most interest
the late Turkish Ambassador, Rus
successful efforts, while Governor o
preserve what was left of the ancien

In 1877 Sir Joseph Hooker's inte
one of the main influences which in
take an extensive journey in West
He brought back a rich harvest of s
deposited in the Kew Museum.

The Kew Pinetum has been carefu
lines which Sir Joseph Hooker lai

the Isleworth entrance (340 yards), and thence along the lined-out path (100 yards) that leads to the Sion vista. The collection of *Pinus* proper also extends 100 yards up the new path skirting the Queen's Cottage grounds, where it is succeeded by the collection of Yews, Cypresses, Retinisporas, Taxodiums, Thujas, and smaller American and Japanese genera.

"The Juniper collection is planted on either side of an avenue leading through the woods from the Lake to King William's Temple, and extends for 200 yards.

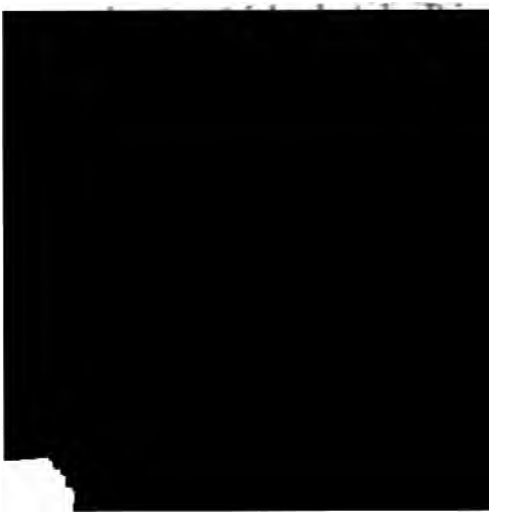
"The classified and named Pinetum thus extends along nearly 2,000 yards of path and avenue, representing double that length, or two and a quarter miles of made soil, beds, and plantations, except where interrupted by old trees.

"The plants are throughout so arranged that the Old World species are as far as possible placed opposite to the American species of the same genera, and there are on the average 3–12 specimens of each species or conspicuous variety, placed in groups. The number of specimens is about 1,200, all I believe correctly named, with the exception of some doubtful ones. Almost every species that can be grown in the open air in this country is represented. Very few have been bought, the majority being plants procured by exchange and correspondence with different parts of the world, and through the liberality of various eminent nurserymen.

"Whenever possible, the specimens in the old Pinetum have been transplanted to this, in most cases with apparent success, but of this there is no assurance till the spring is over. The specimen Pines in the Botanic Garden have not been removed.'

It is only necessary to add
quarter of a century the origin
much success as could be expec
variety of species which it is
almost uniform conditions. A
been congenial to some grou
Pines have on the whole prosp
Silver Firs have languished.
maintenance of a collection ill
whole can only be effected by
with young plants. As soon a
they appear, under the conditi
exposed at Kew, inevitably to di
to mention a few of the species
Kew soil.

Ginkgo biloba (Maidenhair T
referred to. This remarkable tr
of one of the most ancient types
nowhere known in the wild stat
found in the precincts of temp



which Kew possessed, 45 feet in height, stood on the west side of the Pagoda Vista, between the Palm House and King William's Temple. It was unfortunately destroyed by lightning on August 10th, 1895. (*Kew Bulletin*, 1895, p. 235.)

Larix europæa (Larch) grows well at Kew. Scattered through the woods are many fine specimens, the wood of which is of excellent quality.

Abies brachyphylla, from Japan, grows with great rapidity, and promises to be one of the most successful additions to the Pinetum from that country.

Pinus Coulteri is represented by a very fine specimen near the Cactus House (No. V.).

Pinus Laricio (Corsican Pine) has already been referred to.

Pinus excelsa (Bhotan Pine) is represented by numerous vigorous specimens.

Pinus monticola has already been referred to.

Of the specimen trees in the Botanic Garden some have been already mentioned.

Perhaps one of the most notable was the first specimen of the Chili Pine (*Araucaria imbricata*), the history of which is given in the *Kew Bulletin* for 1893 (pp. 24, 25). It died, and was removed in the autumn of the preceding year.

Several of the tender Conifers grown in the Temperate House are fine specimens of some age.

Agathis australis (Kauri Pine) was introduced to Kew in 1838 by "Sir William Symonds, then Surveyor-General of the Navy" (Smith, *Records*, p. 289).

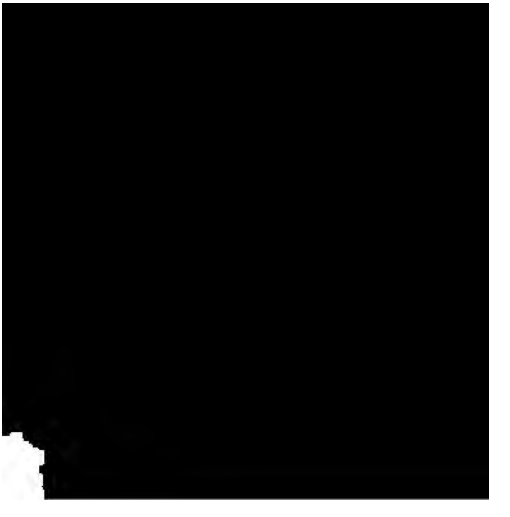
Agathis robusta, according to Smith (*Records*, p. 290), was introduced to Kew in 1852, and grew freely in the

Palm House. It was subsequen
Temperate House, the conditions o
even better.

Araucaria Bidwillii (Bunya B
this country in 1846 by Mr. T. Bi
intendent *pro tem.* of the Sydn
(Smith, *Records*, p. 67).

Araucaria Cunninghamii (M
discovered by Allan Cunningham
bably about 1826), who forward
which the existing specimen is
years ago it was much disfigur
which carried off about 25 feet o
was trimmed, and a new leader v
which eventually restored the sym

Araucaria excelsa (Norfolk Isla
Norfolk Island, according to Si
introduced to Kew from New So
Governor Phillips (first Governor
The necessity for providing adequa



TAXACEÆ.

Tribe I.—Salisburineæ.

Ginkgo biloba, *L.* China. "The Maidenhair tree." *Veitch*, Manual, 313, f. 63.
Salisburia adiantifolia, *Salisb.*

Var. **fastigiata.**

Var. **macrophylla laciniata.**

Var. **triloba.**

Var. **variegata.**

Var. **pendula.**

Cephalotaxus drupacea, *Sieb. & Zucc.* Japan.

C. Fortuni, *Hook.* Bot. Mag. t. 4499; *Beissner*, Handbuch, 182, f. 45. Northern China.

Var. **brevifolia**, *Hort.?*

Var. **longifolia**, *Hort.?*

***C. Mannii**, *Hook. f.* Icones Plantarum, t. 1933. China, Upper Assam, &c.

C. pedunculata, *Sieb. & Zucc.; Beissner*, Handbuch, 179, f. 44.
Taxus Harringtonia, *Knight & Perry.*

Var. **fastigiata.**
Podocarpus koraianus, *Hort.*
Taxus japonica, *Hort.*

Torreya californica, *Torr.* California.
T. Myristica, *Hook.* Bot. Mag. t. 4780; Gard. Chron. 1884, xxii., 681, f. 116.

T. nucifera, *Sieb. & Zucc.* Japan.

T. taxifolia, *Arn.; Beissner*, Handbuch, 187, f. 46. W. Florida.

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* Those species marked with an asterisk are grown under glass.

Tribe II.—Taxineæ.

Sub-tribe I.—TAXEÆ.

*Phyllocladus rhomboidalis, *Rich.* Tasmania.

YEWS.

Taxus baccata, *L.*; *Beissner*, Handbuch, 168, f. 43. Europe and Northern Asia.

Var. adpressa, *Gord.*
Var. adpressa stricta.
Var. adpressa variegata.
Var. albo-variegata, *Spaeth.*
Var. argentea.
Var. aurea.
Var. aureo-variegata.
Var. Barroni.
Var. brevifolia.
Var. cheshuntensis, *Gord.*
Var. Dovastoni, *Carr.*
Var. Dovastoni aureo-variegata.
Var. elegantissima.
Var. epacridioides.
Var. erecta, *Loud.*
Var. erecta Crowderi.
Var. ericoides.
Var. expansa, *Carr.*
Var. fastigiata, *Loud.* "The Irish Yew."
Var. fastigiata argentea.
Var. fastigiata aurea, *Standish.*
Var. fastigiata Standishii.
Var. Fisheri.
Var. fructu luteo.
Var. glauca, *Carr.*
Var. gracilis pendula.

Taxus baccata—*cont.*

Var. **horizontalis**, *Knight.*

Var. **horizontalis elegantissima.**

Var. **nana**, *Knight & Perry.*

Var. **pendula.**

Var. **procumbens**, *Lodd.*

Var. **pyramidalis.**

Var. **pyramidalis variegata.**

Var. **recurvata**, *Lawson.*

Var. **Sieboldi.**

Var. **sinensis**, *Knight.*

Var. **Washingtoni.**

T. canadensis, *Willd.* Canada and N. Eastern United States.

Var. **aurea.**

T. cuspidata, *Sieb. & Zucc.* Mountains of Japan.

***Dacrydium araucaroides**, *Brongn. & Gris.* New Caledonia.

***D. cupressinum**, *Soland.; Kirk*, Forest Flora of New Zealand, tt. 18, 19. New Zealand.

***D. elatum**, *Wall.* Malaya.

***D. Franklini**, *Hook. f.* Flora Tasmaniæ, t. 100. Tasmania.

*Sub-tribe II.—*PODOCARPEÆ.

Podocarpus alpina, *R. Br.* Tasmania.

***P. amara**, *Blume.* Java.

***P. chilina**, *Rich.* Andes of Chile.

***P. cupressina**, *R. Br.* Burma, Malaya.

***P. dacrydioides**, *A. Rich.; Kirk*, Forest Flora of New Zealand, t.t. 31, 32. New Zealand.

***P. elongata**, *L'Herit.; Engl.* Pflanzenw. Ost-Afr., t. i. E. Africa, &c.

*P. ferruginea, *D. Don; Kirk*, Forest Flora of New Zealand, t. 84. New Zealand.

*P. argotaenia, *Hance*. China.
P. insignis, *Hemsl*.

*P. japonica, *Sieb*. Japan.

*P. macrophylla, *D. Don; Sieb. & Zucc.*, Fl. Jap., t.t. 133, 134. Japan.

*P. neriifolia, *D. Don;* Bot. Mag. t. 4645. Himalaya.

*P. nubigena, *Lindl.* in *Paxt.* Flower Garden, 1851, 162. f. 128; Gard. Chron., 1891, x., 171, f. 23. Chile.

*P. Nageia, *R. Br.*; *Sieb. & Zucc.* Fl. Jap. t. 135. Japan.
Var. rotundifolia.

*P. pectinata, *Panch.* (ex *Brongn. & Gris.*) New Caledonia.
Dacrydium Pancheri, *Brongn. & Gris.*

*P. purdieana, *Hook*. Icones Plantarum, t. 624. Jamaica.

*P. salicifolia, *Klotzsch & Karst*. Colombia.

*P. Totara, *G. Benn.; Kirk*, Forest Flora of New Zealand, t. 115. New Zealand.

Some of the above-mentioned species may really belong to Prumnopitys, but until they flower and can be critically examined and determined it seems better to include them provisionally under Podocarpus.

Prumnopitys elegans, *Philippi*. Chile.
Podocarpus andina, *Poepp*.
Stachycarpus andina, *Van Tieghem*.

*P. spicata, *Mast*. New Zealand.
Podocarpus spicata, *R. Br.; Kirk*, Forest Flora of New Zealand, t.t. 4, 5.

*P. taxifolia, *Mast*. Andes.
Podocarpus taxifolia, *H. B. K.* Nov. Gen. et Sp. Plant. ii. t. 97.

*Saxegothea conspicua, *Lindl.;* Gard. Chron., 1889, v., 782, f. 125. Southern Chile.

*Microcachrys tetragona, *Hook. f.;* Bot. Mag. t. 5596. Tasman

CONIFERÆ.

Tribe I.—Cupressineæ.

Sub-tribe I.—JUNIPERINÆ. "Junipers."

†SABINA.

*Juniperus bermudiana, *L.; Hemsl.* Gard. Chron., 1883, xix. 657, f.f. 105–6; *Sargent*, Garden and Forest, 1891, 289, f.f. 51–2. Bermuda.

J. californica, *Carr.;* Rev. Hort. 1854, 353, f. 21. Utah, Arizona, California.

J. chinensis, *L.; Beissner*, Handbuch, 119, f. 29. Himalaya, China, Japan.

J. Cabiancae, *Vis.*
J. canadensis aurea, *Hort.*
J. densata, *Gord.*
J. flagelliformis, *Hort.*
J. jakobiana, *Hort. Jakob-Makoy.*
J. japonica, *Carr.*
J. reevesiana, *Hort.*
J. squamata, *Hort. Edinb.*
J. struthiacea, *Knight & Perry.*
J. Thunbergii, *Hook. & Arn.*

Var. albo-variegata.

Var. aurea.
J. japonica, *Carr.* var. aurea, *Hort.*

Var. glauca.

Var. Smithii.

Var. variegata.

J. excelsa, *Bieb.* Asia Minor, Taurus.

Var. venusta.

Var. stricta.

Var. Perkinsii.

*J. flaccida, *Schlecht.* Mountains of Mexico.

J. macropoda, *Boiss.* Himalaya.
J. excelsa, *Brandis* (not *Bieb.*).
J. gossainthaneana, *Lodd.*

*J. mexicana, *Schiede.* Mountains of Mexico.

J. occidentalis, *Hook.* North Western America.
J. dealbata, *Hort. aliq.* (not *Loud.*).
J. pyriformis, *Lindl.*
Chamaecyparis Boursieri, *Decne.* (not *Carr.*).

Var. Burkei.

Var. fragrans.

J. pachyphlaea, *Torr.* New Mexico, Arizona.

J. phoenicea, *L.* Mediterranean region.
J. bacciformis, *Carr.*
J. Lycia, *L.* (not *Pall.*).
J. tetragona, *Moench.*

Var. turbinata.
J. dealbata, *Hort. aliq.*
J. oophora, *Kunze.*

J. procera, *Hochst.* Abyssinia.

J. pseudo-Sabina, *Fisch. & Mey.* Siberia, Himalaya, Tibet.

J. recurva, *Buch.-Ham.*; Gard. Chron., 1883, xix., 468, f. 69. Nepal, Cashmir.

Var. pendula.

Var. squamata, *Parl.*
J. densa, *Gord.*
J. excelsa, *Bieb.* var. nana, *Endl.*
J. religiosa, *Royle.*
J. squamata, *Buch.-Ham.*

J. Sabina, *L.*; *Beissner*, Handbuch, 108, f. 27. Mountains of Europe and N. America.
J. excelsa, *Willd.* (not *Bieb.*).
J. Lycia, *Pall.* (not *L.*).

J. Sabina—*cont.*

Var. **humilis**, *Endl.*

Var. **procumbens**, *Pursh.* N. America. "Waukegan Juniper."

Var. **prostrata**, *Loud.*
J. hudsonica, *Lodd.*
J. prostrata, *Pers.*
J. repens, *Nutt.*

Var. **tamariscifolia**, *Ait.*

Var. **variegata.**

J. sphaerica, *Lindl.* in Paxt. Flow. Gard., 1850, 58, f. 35. North China.
J. chinensis var. Smithii, *Loud.*
J. Fortunei, *Van Houtte.*

Var. **glauca**, *Gord.*
J. Shephardi, *Hort.*
J. Sheppardi, *Hort.*

J. tetragona, *Schlecht.* Mountains of Mexico.

J. thurifera, *L.; Veitch*, Manual, 271, f. 60. Spain, Portugal, Algiers.
J. bonatiana, *Vis.*
J. cineres, *Carr.*
J. foetida var. thurifera, *Spach.*
J. hispanica, *Lam.*
J. sabinoides, *Endl.*

J. virginiana, *L.* North-East America to Florida and Jamaica and in Vancouver. "Red Cedar."

Var. **argentea.**

Var. **compacta.**

Var. **glauca**, *Carr.*

Var. **humilis.**

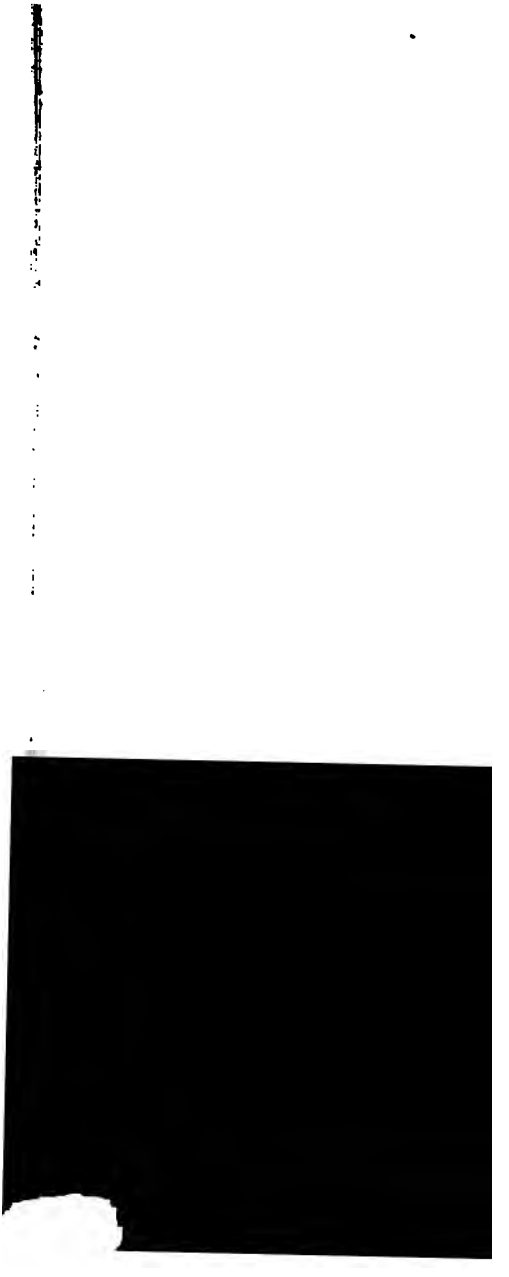
Var. **horizontalis.**

Var. **kosteriana.**

Var. **pendula**, *Carr.*

Var. **pyramidalis glauca.**

Var. **Schotti**



J. virginiana—*cont.*

Var. **tripartita.**

Var. **viridis.**

Var. **viridis pendula.**

††OXYCEDRUS.

***J. Cedrus,** *Webb.* Mountains of the Canaries.

J. communis, *L.; Beissner,* Handbuch, 134, f. 31. Europe, Siberia. "Juniper."

Var. **alpina.**
J. alpina, *S. F. Gray.*
J. canadensis, *Lodd.*
J. nana, *Willd.*

Var. **fastigiata.**
J. hibernica, *Gord.*
J. hispanica, *Booth.* ex *Endl.*
J. suecica, *Mill.*

Var. **glauca.**

Var. **hemisphaerica.**
J. hemisphaerica, *Presl.*
J. nana var. hemisphaerica, *Carr.*

Var. **oblonga.**
J. oblonga, *Bieb.*

Var. **reflexa.**
J. communis var. caucasica.
J. oblonga, *Gord.*

J. henryana, *R. Br. Campst.* Gard. Chron., 1873, 8. North-Western America.

J. litoralis, *Maxim.* Japan.
J. conferta, *Parl.*

J. macrocarpa, *Sibth.* Mediterranean Region.
J. Oxycedrus, *L. Herb.* nec *Sp. Pl.*
J. neaboriensis, *Hort.*
J. sphaerocarpa, *Antoine.*
J. umbilicata, *Gren. & Godr.*
J. Willkommii, *Antoine.*

J. Oxycedrus, *L.; Rich.*, Conif. 39, t. 6. South Europe, &c.
J. biebersteiniana, *C. Koch.*
J. rufescens, *Link.*
J. tenella, *Antoine.*

J. rigida, *Sieb. & Zucc.* Flor. Jap. ii., 109, t. 125. Mountains of Japan.

J. taxifolia, *Hook. & Arn.* China & Japan.
J. oblonga pendula.

†††ARCEUTHOS.

J. drupacea, *Labill.;* Gard. Chron., 1854, 455, f. Mountains of the Levant.
J. rufescens, *Hort. Edinb.*
Arceuthos drupacea, *Antoine.*

Sub-tribe II.—CALLITRINÆ.

***Tetraclinis articulata,** *Mast.* Algiers, Marocco.
Callitris quadrivalvis, *Rich.; Loudon*, Encycl., 1072, f. 1995.
Frenela Fontanesii, *Mirbel.*
Thuya articulata, *Vahl.*

***Callitris calcarata,** *R. Br.* Australia.
Frenela Endlicheri, *Parl.*

***C. cupressoides,** *Schrad.* S. Africa.

***C. Parlatorei,** *F. Muell.* Australia.
Frenela Parlatorei, *F. Muell.*

***C. robusta,** *R. Br.* Australia.
Frenela robusta, *A. Cunn.*

Var. **verrucosa,** *Benth. & F. Muell.*
C. verrucosa, *R. Br.*

***Actinostrobus pyramidalis,** *Miq.; Hook.* Icones Plantarum, t. 1272. West Australia.

***Widdringtonia Whytei,** *Rendle.* Mountains of Central Africa. "The Milanji Cypress."

Sub-tribe III.—THUYNÆ.

***Fitzroya Archeri**, *Benth. & Hook. f.* Tasmania.
Diselma Archeri, *Hook. f.* Flora Tasmaniæ, t. 96.

***F. patagonica**, *Hook. f.* Bot. Mag. t. 4616. Mountains of Western Patagonia, Chile, Valdivia.
Widdringtonia glauca, *Hort.*

†EUCUPRESSUS.—"*Cypresses.*"

***Cupressus Benthami**, *Endl.* Mountains of Mexico and Guatemala.
C. aromatica, *Gord.*
C. Coulteri, *Forbes.*
C. Ehrenbergii, *Kunze.*
C. elegans, *Hort.*
C. excelsa, *Scott.*
C. Hugeli, *Hort.*
C. karwinskyana, *Regel.*
C. lusitanica, *Carr.* (not *Mill.*).
C. Skinneri, *Hort.*
C. thurifera, *Schlecht.*
C. uhdeana, *Hort.* (in part).

Var. **arizonica.**
Cupressus arizonica, *Greene.*

***C. funebris**, *Endl.*; Gard. Chron., 1850, 439, f. 31. China.
C. amoena, *C. Koch.*
C. pendula, *Abel* (not *Thunb.*).

*Var. **glauca.**
C. kashmiriana, *Hort.*

C. goweniana, *Gord.*; Journ. Hort. Soc. London, 1849, iv., 295, f. California.
C. californica, *Carr.*

***C. lusitanica**, *Mill.* Locality unknown. "The Cedar of Goa."
C. glauca, *Lam.*
C. pendula, *L'Herit.*
C. uhdeana, *Gord.* (in part).

C. macnabiana, *A. Murr.* **Mountains of California.**
C. glandulosa, *Hook.*

C. macrocarpa, *Hartw.* **California, near the coast.**
C. Hartwegii, *Carr.*
C. lambertiana, *Gord.*

Var. **fastigiata.**

Var. **guadeloupensis.**
Cupressus guadeloupensis, *S. Wats.*

Var. **Crippsii.**

C. sempervirens, *L.; Beissner*, **Handbuch, 101, f. 26. Levant.**
C. horizontalis, *Mill.*
C. patula, *Spad.*
C. sempervirens var. horizontalis, *Gord.*
C. Tournefortii, *Audib.*

Var. **fastigiata.**
C. conoidea, *Spad.*
C. fastigiata, *DC.*
C. pyramidalis, *Targ. Tozz.*

Var. **indica**, *Royle.*
C. australis, *Low.*
C. doniana, *Hort.*
C. Roylei, *Carr.*
C. whitleyana, *Hort.*

Var. **flagelliformis.**

Var. **retrofracta.**

Var. **thuiaefolia.**

C. torulosa, *D. Don.* **W. Himalaya.**
C. Tournefortii, *Tenore* (not *Audib.*).

*Var. corneyana.
C. corneyana, *Gord.* **Locality unknown.**

Var. **majestica.**

††CHAMAECYPARIS.

C. lawsoniana, *A. Murr.* North California, Oregon. "The Lawson Cypress."
Chamaecyparis Boursieri, *Carr.*
C. lawsoniana, *Parl.*; Beissner, Handbuch, p. 72, f. 17.

The varieties, which are very numerous, admit of a rough classification according to their most conspicuous characters. Many of them lose their peculiar form as they increase in age; they also vary in their degree of hardiness.

Variations in Colour of Foliage.

Var. **albo-maculata.**
Var. **albo-picta.**
Var. **albo-spica.**
Var. **albo-variegata.**
Var. **argentea.**
Var. **argenteo-variegata.**
Var. **aurea.**
Var. **aureo-variegata.**
Var. **glauca.**
Var. **glauca pendula.**
Var. **lutea.**
Var. **ochroleuca.**
Var. **Silver Queen.**

Variations in Form and Habit.

1.—*Columnar or fastigiate.*

Var. **Alumi.**
Var. **erecta viridis.**
Var. **erecta viridis argentea.**
Var. **Fraseri.**

C. lawsoniana—*cont.*

2.—*Spreading.*

Var. amabilis.
Var. Bowleri.
Var. californica.
Var. darleyensis.
Var. fragrans.
Var. fragrans argentea.
Var. intertexta.
Var. juniperina.
Var. patula.
Var. Smithii.
Var. Youngi.

3.—*Pendulous.*

Var. glauca pendula.
Var. gracilis pendula.
Var. gracilis gracillima.
Var. pendula vera.

4.—*Globose, dwarf varieties.*

Var. compacta.
Var. nana.
Var. Shawii.

C. nootkatensis, *Lamb.*; Oregon, British Columbia.
Chamaecyparis nutkaensis, *Spach.*; *Beissner*, Handbuch, 81, f. 19.
Thuiopsis borealis, *Hort.*
T. troubetskoyana, *Hort.*
T. Tschugatskoyii, *Hort.*

Var. albo-variegata.
Var. argenteo-variegata.
Var. aureo-viridis.
Var. compacta.
Var. gracilis.

C. nootkatensis —*cont.*

Var. **lutea.**

Var. **nidifica,** *Rovelli.*

Var. **pendula.**

Var. **variegata.**

C. obtusa, *C. Koch.* Mountains of Japan.
Chamaecyparis obtusa, *Sieb. & Zucc.*
Retinispora obtusa, *Sieb. & Zucc.*
Thuya obtusa, *Mast.*

Var. **pygmaea.**
Thuya obtusa var. pygmaea, *Hort.*
Chamaecyparis obtusa, var. pygmaea, *Hort.*

Stages of growth and Varieties of *C. obtusa* all known as Retinisporas (often spelt Retinospora) in gardens.

Var. **aurea.**

Var. **compacta.**

Var. **erecta viridis.**

Var. **filicoides.**

Var. **gracilis.**

Var. **gracilis aurea.**

Var. **Keteleeri.**

Var. **lycopodioides.**

Var. **magnifica.**

Var. **nana.**

Var. **nana aurea.**

Var. **variegata.**

C. pisifera, *C. Koch.* Mountains of Japan.
Chamaecyparis pisifera, *Sieb. & Zucc.* *Beissner,* Handbuch, 84, f. 20.
Retinispora pisifera, *Sieb. & Zucc.*
Thuya pisifera, *Mast.*

Stages of growth and Varieties of *C. pisifera* all called Retinispora in gardens.

Var. **albo picta.**

C. pisifera—*cont.*

Var. darleyensis.

Var. plumosa.

Var. plumosa argentea.

Var. plumosa aurea.

Var. squarrosa.

Var. squarrosa sulphurea.

C. thyoides, *L.* East United States.
Chamaecyparis sphaeroidea, *Spach.* ; *Beissner*, Handbuch, p. 66, f. 13.
Retinispora ericoides, *Gord.* (*not Veitch*).

Var. atrovirens.

Var. glauca.

Var. Hoveii.

Var. kewensis.

Var. variegata.

Var. viridis.

†EUTHUYA.—"*Arborvitæ.*"

Thuya occidentalis, *L.* ; *Beissner*, Handbuch der Nadelholzkunde, 34, f. 4. Canada and North-Eastern States of North America to mountains of North Carolina. "The American Arborvitæ."
T. odorata, *Marsh.*
T. obtusa, *Moench.*
T. sibirica, *Hort.*
Cupressus Arbor-vitae, *Targ. Tozz.*

Variations in Colour of Foliage.

Var. aurea.

Var. lutea.

Var. vervaeneana.

Var. wareana.
T. caucasica, *Hort.*

Var. wareana lutescens.

Thuya occidentalis—*cont.*

Variations in Form and Habit.

Var. **Bodmeri.**

Var. **Dicksoni.**

Var. **ellwangeriana.**

Var. **erecta.**

Var. **erecta viridis.**

Var. **ericoides.**
Retinispora dubia, *Hort.*

Var. **globosa.**

Var. **globosa compacta.**

Var. **Hoveii.**

Var. **pendula.**

Var. **Spaethii.**
T. Ohlendorfi, *Hort.*
T. tetragona, *Hort.*

†† MACROTHUYA.

T. gigantea, *Nutt.*; *Beissner*, Handbuch, 48, f. 7. North-Western America.
T. craigiana, *Hort.*
T. Lobbi, *Hort.*
T. Menziesii, *Carr.*

Var. **compacta.**

Var. **pendula.**

Var. **plicata**, *Donn.*
T. asplenifolia, *Hort.*
T. caucasica, *Hort. aliq.*
T. flabellata, *Hort.*
T. lycopodioides, *Hort.*
T. Menziesii, *Dougl.*
T. occidentalis var. compacta, *Knight.*
T. occidentalis var. plicata, *Hort.*
T. plicatilis, *Hort.*
T. sibirica, *Hort. aliq.*
T. wareana, *Booth* (not of others).

Var. **plicata cristata.**

Var. **plicata lutea.**

T. japonica, *Maxim.* Japan.
Thuya gigantea *var.* japonica, *Franch. & Sav.*
T. Standishii, *Carr.*
Thuyopsis Standishii, *Gord.*

††† Thuyopsis.

T. dolabrata, *L. f.* Mountains of Japan.
Thuyopsis dolabrata, *Sieb. & Zucc.; Beissner*, Handbuch, 53, f. 9.
Platycladus dolabrata, *Spach.*

Var. **variegata.**

Var. **nana,** *Sieb. & Zucc.*
Thuyopsis laetevirens, *Lindl.*

†††† Biota.—" *Chinese Arborvitæ.*"

T. orientalis, *L.* North China and Japan.
T. acuta, *Moench.*
Biota orientalis, *Endl.; Beissner*, Handbuch, 55, f. 10.
Cupressus Thuya, *Targ. Tozz.*
Platycladus stricta, *Spach.*

Var. **athrotaxoides.**

Var. **argenteo-variegata.**
Biota orientalis var. argentea, *Gord.*
B. orientalis var. variegata, *Endl.*
Thuya argentea, *Hort.*
T. variegata, *Hort.*

Var. **aurea.**
Biota orientalis aurea nana, *Hort.*
Thuya aurea, *Hort.*
T. nana aurea, *Hort.*
T. nana compacta aurea, *Hort.*

Var. **aureo-variegata.**
Biota orientalis var. variegata, *Gord.*
Thuya orientalis aureo-variegata, *Hort.*
T. variegata, *Hort.*

T. orientalis—*cont.*

Var. **compacta.**
Biota japonica, *Sieb.*
B. orientalis var. nana, *Carr.*
B. orientalis var. Sieboldi, *Endl.*
B. zuccariniana, *Sieb.*
Thuya compacta, *Hort.*
T. nana, *Hort.*
T. zuccariniana, *Hort.*

Var. **decussata.**
Biota orientalis var. decussata, *Beissn. & Hochst.*
Chamaecyparis decussata, *Hort.*
Frenela glauca, *Hort.* (not *Mirbel*).
Juniperus glauca, *Hort.*
Retinispora flavescens, *Hort.*
R. juniperoides, *Carr.*
R. rigida, *Carr.*
R. squarrosa, *Hort.* (not *Zucc.*).

Var. **densa.**
Biota orientalis densa glauca, *Hort.*

Var. **elegantissima.**
Biota elegantissima, *Hort.*

Var. **ericoides.**
Retinispora ericoides, *Hort.*

Var. **falcata.**

Var. **freneloides.**

Var. **Froebeli.**

Var. **funiculata.**

Var. **globosa.**

Var. **gracilis.**
Thuya freneloides, *Hort.*
T. japonica, *Hort.*
T. nepalensis, *Hort.*

Var. **Hoveyii.**

Var. **incurvata.**

Var. **intermedia.**
Biota orientalis var. intermedia, *Carr.*
B. intermedia, *Hort.*
B. pendula, *Endl.* var.
Thuya intermedia, *Hort.*

T. orientalis—*cont.*

Var. **meldensis.**
Biota meldensis, *Gord.*
Retinispora meldensis, *Hort.*
Thuya hybrida, *Hort.*
T. meldensis, *Hort.*
T. orientalis meldensis, *Hort.*

Var. **minima.**
Biota orientalis minima glauca, *Hort.*

Var. **pendula.**
Biota orientalis var. pendula, *Parl.*
B. pendula, *Endl.*
B. pendula var. recurvata, *Gord.*
Cupressus pendula, *Thunb.*
C. patula, *Pers.*
C. pendulata, *Hort.*
C. filiformis, *Hort.*
Thuya filiformis, *Lodd.*
T. flagelliformis, *Hort.*
T. orientalis var. flagelliformis, *Jacques.*
T. pendula, *Lamb.*

Var. **pyramidalis,** *Endl.*
Biota orientalis var. expansa, *Endl.*
B. orientalis var. tatarica, *Endl.*
B. tatarica, *Lindl.*
Thuya australis, *Hort.*
T. orientalis cupressoides, *Hort.*
T. orientalis var. stricta, *Loud.*
T. orientalis var. tatarica, *Loud.*
T. pyramidalis, *Tenore.*
T. tatarica, *Forbes.*

Var. **semperaurescens.**
Biota orientalis semperaurea, *Hort.*

Libocedrus chilensis, *Endl.*; Gard. Chron., 1850, 439, f. Chilian Andes.
Thuya chilensis, *D. Don; Hook.* London Journal of Botany, ii., 199, t. 4.

L. decurrens, *Torr.; Veitch,* Manual of Coniferæ, 267, *Beissner,* Handbuch, 28, f. 2. Oregon to South California on mountains near the sea.

L. decurrens—*cont.*

Heyderia decurrens, *C. Koch.*
Thuya craigiana, *A. Murr.*
T. gigantea, *Hort.*

Var. **glauca.**

Var. **compacta.**

***L. doniana**, *Endl.; Kirk*, Forest Flora of New Zealand, tt. 82, 83. New Zealand.

Tribe II.—Taxodineæ.

Sciadopitys verticillata, *Sieb. & Zucc.* Fl. Jap. ii. t. 101; *Veitch*, Manual, 202, f.f. 46, 47. Japan. "The Umbrella Pine."

***Athrotaxis cupressoides**, *D. Don.;* Gard. Chron., 1885, xxiv., 273, f. 60. Tasmania.

***A. laxifolia**, *Hook.;* Gard. Chron., 1885, xxiv., 584, f. 134. Tasmania.
Athrotaxis doniana, *Hort.*

***A. selaginoides**, *D. Don.;* Gard. Chron., 1888, iv., 544, f. 79. Tasmania.
A. gunniana, *Hort.*

Sequoia gigantea, *Torr.; Beissner*, Handbuch, 163, fig. 41. California. "Wellingtonia, Mammoth Tree."
Sequoia Wellingtonia, *Seem.*
Taxodium washingtonianum, *Winsl.*
Washingtonia californica, *Winsl.*
Wellingtonia gigantea, *Lindl.; Veitch*, Manual, 205, f. 48; Bot Mag. t.t. 4777, 4778.

Var. **aurea.**

Var. **pendula.**

S. sempervirens, *Endl.; Beissner*, Handbuch, 158, f. 39. California. "Redwood."
Schubertia sempervirens, *Spach.*
Taxodium sempervirens, *Lamb.*

Var. **albo-spica.**

Var. **gracilis.**

***Glyptostrobus heterophyllus,** *Endl.* China.
Taxodium heterophyllum, *Brongn.*

Cryptomeria japonica, *D. Don; Beissner,* Handbuch, 142, f. 337. Mountains of Japan and China.
C. Fortunei, *Otto & Dietr.*
Cupressus japonica, *L. f.*
Taxodium japonicum, *Brongn.*

Var. **elegans,** *Veitch,* Manual, 218, f. 51.
Cryptomeria Veitchii, *Hort.*

Var. **araucarioides.**

Var. **elegans nana.**

Var. **Lobbi.**

Var. **Lobbi nana.**

Var. **pungens.**

Var. **spiralis.**

Taxodium distichum, *Rich.; Beissner,* Handbuch, 151, f. 38. Southern United States. "The Deciduous Cypress."
Cupressus disticha, *L*
Taxodium microphyllum, *Brongn.*

Var. **pendulum.**
Glyptostrobus pendulus, *Endl.;* Bot. Mag. t. 5603.
Taxodium sinense, *Gord.*

Tribe III.—Araucarineæ.

Cunninghamia sinensis, *R. Br.;* Bot. Mag. t. 2743; *Beissner,* Handbuch, 197, f. 49. South China.
Belis jaculiflora, *Salisb.*
Pinus lanceolata, *Lamb.*

***Agathis australis,** *Salisb.* New Zealand. "The Kauri Pine."
Dammara australis, *Lamb.;* Gard. Chron., 1883, xx., 525, f. 86.

***A. loranthifolia,** *Salisb.* Malaya.

***A. Moorei,** *Mast.* New Caledonia.
Dammara Moorii, *Lindl.* Journ. Hort. Soc., 1851.

*A. obtusa, *Mast.* New Hebrides.
Dammara obtusa, *Lindl.*

*A. robusta, *Mast.* N. E. Australia.
Dammara robusta, *C. Moore.*

*A. vitiensis, *Mast.* Fiji.
Dammara vitiensis, *Seem.*

*Araucaria Balansae, *Brongn. & Gris.*; Ill. Hort. 1894, xxi., t. 197. New Caledonia.

*A Bidwillii, *Hook.*; Gard. Chron., 1873, 361, f. 73. Queensland. "The Bunya Bunya."

*A. brasiliana, *Rich.* Mountains of S. Brazil.
A. brasiliensis, *Loud.*; Gard. Chron., 1887, i., 680, f. 132.

*A. Cookii, *R. Br.* New Caledonia.
A. columnaris, *Hook.* Bot. Mag. t. 4635.

*A. Cunninghamii, *Aiton.* Queensland. "The Moreton Bay Pine."

*Var. glauca. Gard. Chron., 1888, iii., 685, f. 90.
A. glauca, *Antoine.*

*A. excelsa, *R. Br.*; Flore des Serres, t.t. 2304, 2305. Norfolk Island. "Norfolk Island Pine."

*Var. albo-spica.

*Var. goldieana, New Caledonia.
A. goldieana, *T. Moore*, Florist and Pomologist, 1877, 39. f.

A. imbricata, *Pav.* Mountains of Southern Chile.

Var. aurea.

Tribe IV.—Abietineæ.

Sub-tribe I.—Piceæ.

Tsuga brunoniana, *Carr.*; Gard. Chron., 1886, xxvi., 501, f. 101. East and Central Himalayas.
Abies brunoniana, *Lindl.*

Tsuga brunoniana—*cont.*

A. dumosa, *Loud.*
Pinus brunoniana, *Wall.*
P. dumosa, *D. Don.*

T. canadensis, *Carr.; Beissner*, Handbuch, 401, f. 709. N. E. America. "The Hemlock Spruce."
Abies americana, *Marsh.*
A. canadensis, *Michx.; Veitch*, Manual, 114, f. 29.
A. curvifolia, *Salisb.*
Picea canadensis, *Link.*
Pinus americana, *Duroi.*
P. canadensis, *L.*

Var. **argentea.**

Var. **parvifolia.**

Var. **pendula.**

T. caroliniana, *Engelm.; Sargent*, Gard. Chron., 1886, xxvi., 780, f. 153; *Beissner*, Handbuch, 406, f. 111. Southern Alleghanies.
Abies caroliniana, *Chapm.*

T. Sieboldi, *Carr.; Beissner*, Handbuch, 395, f. 106. Japan.
Abies Araragi, *Loud.*
A. Tsuga, *Veitch*, Manual, 118, f. f. 33, 34.
Pinus Tsuga, *Antoine.*
P. Araragi, *Sieb.*
Tsuga diversifolia, *Maxim.*
Tsuja Tsuja, *A. Murr.*

Var. **nana.**

T. mertensiana, *Carr.* N. W. America.
Abies albertiana, *A. Murr.*
A. Bridgesii, *Kellogg.*
A. mertensiana, *Lindl. & Gord.*
A. pattoniana, *McNab (not Parl.).*
Pinus canadensis, *Bong.*
P. mertensiana, *Bong.*

T. pattoniana, *Engelm.* Mountains of California.
Abies hookeriana, *A. Murr.*
A. pattoniana, *Jeffrey; Veitch*, Manual, 116, f. f. 30, 31. *Beissner*, Handbuch, 409, f. 113.
A. Williamsoni, *Newb.*
Hesperopeuke pattoniana, *Lemmon.*
Pinus pattoniana, *Parl.*

† EUPICEA.—"*Spruce Firs.*"

Picea alba, *Link.; Beissner*, Handbuch, 341, f. 96. North Eastern America, British Columbia.
Abies alba, *Michx.*
A. alba var. caerulea, *Carr.*
A. arctica, *Seem.*
A. caerulea, *Forbes.*
A. canadensis, *Mill.*
A. laxa, *C. Koch.*
A. rubra var. caerulea, *Loud.*
Picea caerulea, *Link.*
P. nigra var. glauca, *Carr.*
Pinus alba, *Lamb.*
P. canadensis, *Duroi* (not *L.*).
P. glauca, *Moench.*
P. laxa, *Ehrh.*
P. rubra var. violacea, *Endl.*

Var. **caerulea.**

P. alcockiana, *Carr.; Beissner*, Handbuch, 379, f. 101. Japan.
Abies acicularis, *Hort.*
A. alcockiana, *Veitch.*
A. bicolor, *Maxim.*
A. excelsa acicularis, *Hort.*
Pinus alcockiana, *Parl.*

P. Engelmanni, *Engelm.; Beissner*, Handbuch, 344, f. 97. British Columbia, Oregon to Arizona.
Abies alba, *Torr.*
A. Engelmanni, *Parry.*
A. nigra, *Engelm.*
Pinus commutata, *Parl.*
P. Engelmanni, *Engelm.*

Var. **glauca.**

P. ericoides, *Hort.* A variety of uncertain origin.

P. excelsa, *Link.; Beissner*, Handbuch, 353, f. 99. Mountains of Northern and Central Europe. "The common Spruce."
Abies excelsa, *DC.*

P. excelsa—*cont.*

A. Picea, *Mill.*
A. rubra, *Bauhin.*
Picea vulgaris, *Link.*
Pinus Abies, *L.*
P. excelsa, *Lam.* (not *Wall.*).

The varieties are extremely numerous and may be classified into—

1. dwarf varieties, 2. snake-branched, or so-called "monstrosa," varieties, 3. pendulous varieties, 4. colour varieties.

The following are represented at Kew :—

Var. **argenteo-spica.**

Var. **attenuata.**

Var. **aurea.**

Var. **clanbrassiliana.**

Var. **clanbrassiliana elegans.**

Var. **compacta.**

Var. **Dicksoni.**

Var. **diffusa.**

Var. **dumosa.**

Var. **eremita.**

Var. **finedonensis.**

Var. **gigantea.**

Var. **gregoryana.**

Var. **inverta.**

Var. **Laingi.**

Var. **laxa.**

Var. **Maxwelli.**

Var. **microsperma.**

Var. **monstrosa.**

Var. **mucronata.**

Var. **pendula.**

Var. **pygmaea.**

P. excelsa—*cont.*

Var. **pyramidalis.**

Var. **Remonti.**

Var. **stricta.**

Var. **tenuifolia.**

P. Glehni, *F. Schmidt; Mast.* Gard. Chron., 1880, xiii., 300, f. 54. Island of Sachalin.

P. Maximowiczii, *Regel;* Gard. Chron., 1880, xiii., 363, f. 64. Japan.
Abies Maximowiczii, *Hort.*
Picea obovata var. japonica, *Maxim.*

P. Morinda, *Link;* Gard. Chron., 1885, xxiv., 393, f. 85. Himalaya.
P. smithiana, *Boiss.*
Abies Khutrow, *Loud.*
A. smithiana, *Forbes.*
Pinus Khutrow, *Royle.*
P. smithiana, *Lamb.*

P. nigra, *Link; Beissner,* Handbuch, 334, f. 94. North Eastern America.
Abies alba, *Chapm.*
A. americana, *C. Koch.*
A. arctica, *Hort.* (not *Seem.*).
A. denticulata, *Michx.*
A. Mariana, *Mill.*
A. marylandica, *Hort.*
A. nigra, *Poir.*
Pinus Mariana, *Duroi.*
P. nigra, *Ait.*

Var. **aureo-marginata.**

Var. **Doumetti.**

P. obovata, *Ledeb.* N. E. Europe and N. Asia.
Abies obovata, *Loud.*

Var. **japonica,** *Maxim.*

Var. **schrenkiana,** *Mast.*

P. orientalis, *Carr.;* Gard. Chron. 1886, xxv., 333, f. 62. Mountains of the Taurus and Caucasus.
Abies orientalis, *Poir.*
A. wittmanniana, *Hort.*
Pinus orientalis, *L.*

Var. **aurea.**
Var. **nana.**

P. polita, *Carr.; Beissner*, Handbuch, p. 380, f. 102; Gard. Chron., 1880, xiii., 233, f. 44. Mountains of Japan.
Abies Torano, *Sieb.*
A. polita, *Sieb. & Zucc.*

P. pungens, *Engelm.* Utah and California.
Picea commutata, *Hort. aliq.*
P. Engelmanni, *Hort.* (not *Engelm.*).
P. Menziesii, *Hort.* (not *Carr.*).
P. parryana, *Hort.*
Abies Engelmanni, *Hort.* (not *Engelm.*).
A. Menziesii, *Engelm.* (in part).
A. Parlatorei, *Hort.*

Var. **diversifolia.**

Var. **glauca.**
P. annesleyana, *Hort.*
P. parryana glauca, *Hort.*
P. pungens argentea, *Hort.*

P. rubra, *Link; Beissner*, Handbuch, 339, f. 95.
Picea nigra var. rubra, *Engelm.*
Abies nigra var rubra, *Michx.*
A. rubra, *Poir.*
A. rubra var. arctica, *Lindl. & Gord.*
Pinus americana, *Gaertn.*
P. americana var. rubra, *Wangenh.*
P. rubra, *Lamb.*

†† Omorica.—"*Flat-leaved Spruce F*[illegible]*rs.*"

P. ajanensis, *Fisch.; Beissner*, Handbuch, p. 386, f. 104. Amoor, Japan.
Abies ajanensis, *Veitch.*

P. ajanensis—*cont.*

A. alcockiana, *Hort.* (in part).
A. sitchensis, *C. Koch* (not *Bong.*).
Picea Menziesii, *Parl.*
Tsuga ajanensis, *Regel.*

Var. **microsperma.**
P. ajanensis var. japonica.
P. jezoensis, *Maxim.* (not *Sieb.*).

P. hondoensis, *Mayr.* Japan.

P. Omorica, *Mast.;* Gard. Chron., 1884, xxi., 308, f. 58; *Beissner*, Handbuch, 383, f. 103. Servia, Bosnia.
Pinus Omorika, *Panč.*

P. sitchensis, *Trautv. & Mey.; Beissner*, Handbuch, 391, f. 105. Gard. Chron., 1886, xxv., 728, f. 161. N.W. America.
Picea Menziesii, *Carr.*
P. sitkaensis, *Mayr.*
Abies Menziesii, *Loud.*
A. sitchensis, *Lindl. & Gord.*
Pinus Menziesii, *Dougl.*
P. sitchensis, *Bong.*

Sub-tribe II.—LARICEÆ.

CEDARS.

Cedrus atlantica, *Manetti;* Gard. Chron., 1891, x., 425, f. 53. North Africa. "The Atlas Cedar."
C. africana, *Gord.*
Abies atlantica, *Lindl. & Gord.*
Pinus Cedrus var. atlantica, *Parl.*

Var. **glauca.**

Var. **aurea.**

Var. **pendula.**

C. Deodara, *Loud.;* Gard. Chron., 1891, x., 423, f. 52. Himalaya. "The Deodar."
Cedrus indica, *Chambr.*

C. Deodara—*cont.*

C. Libani var. Deodara, *Hook. f.*
Abies Deodara, *Lindl.*
Larix Deodara, *C. Koch.*
Pinus Deodara, *Roxb.*

Var. **albo-spica.**

Var. **crassifolia.**

Var. **erecta.**

Var. **robusta.**

Var. **variegata.**

Var. **verticillata.**

Var. **viridis.**

Var. **Youngi.**

C. Libani, *Loud.;* Gard. Chron., 1878, ix., f. 113; 1886, xxvi., 521, f. 102; 553, f. 109; *Beissner*, Handbuch, 299, f. 74.
Syrian Mountains. "Cedar of Lebanon."
C. patula, *C. Koch.*
Abies Cedrus, *Poir.*
Larix Cedrus, *Mill.*
L. patula, *Salisb.*
Pinus Cedrus, *L.*

Var. **brevifolia**, *Hook. f.* Journ. Linn. Soc., xvii., 517.
Cyprus.

LARCHES.

Larix davurica, *Trautv.* Siberia.
L. dahurica, *Turcz.*; *Beissner*, Handbuch, 329, f. 90.

L. europaea, *DC.* European Alps. "The Larch."
L. decidua, *Mill.* (1759).
L. excelsa, *Link.*
L. pyramidalis, *Salisb.* (1805).
L. vulgaris, *Fisch.*
Abies Larix, *Lam.*
Pinus Larix, *L.*

Var. **pendula.**

Var. **pendulina**, *Regel; Beissner*, Handbuch, 325, f. 89.

Var. **rossica**, *Regel; Beissner*, Handbuch, 325, f. 88.

Var. **sibirica**, *Beissner*, Handbuch, 324, f. 87.
L. archangelica, *Hort.*

L. Griffithii, *Hook. f.*; Gard. Chron., 1886, xxv., 718, f. 157; *Beissner*, Handbuch, 317, f. 82. Eastern Himalaya.
Abies griffithiana, *Lindl. & Gord.*
Pinus Griffithii, *Parl.*

L. leptolepis, *Endl.*; *Beissner*, Handbuch, 318, f. 83; Gard. Chron., 1883, xix., 88, f. 13. Japan.
L. japonica, *Carr.*
Abies leptolepis, *Sieb. & Zucc.*
P. leptolepis, *Endl.*

Var. **murrayana.**

L. occidentalis, *Nutt.* North-Western America.
Pinus Nuttallii, *Parl.*

L. pendula, *Salisb.* (1805). North-Eastern America. "Tamarack."
Larix americana, *Michx.* (1813).
L. americana var. rubra, *Loud.*
L. microcarpa, *Forbes.*
Abies microcarpa, *Lindl. & Gord.*
A. pendula, *Lindl. & Gord.*
Pinus laricina, *Duroi.*
P. microcarpa, *Lamb.*
P. pendula, *Ait.*

Pseudolarix Kaempferi, *Gord.*; Gard. Chron., 1884, xxi., 584, f. 113; 1884, xxii., 238, f. 48. China. "The Golden Larch."
P. Fortunei, *Mayr.*
Abies Kaempferi, *Lindl.*
Larix Kaempferi, *Carr.*
Pinus Kaempferi, *Lamb.*

Sub-tribe III.—SAPINEÆ.

Keteleeria Fortunei, *Carr.*; *Rev. Hort.*, 1887, 207, ff. 42–5; *Beissner*, Handbuch, 422, f. 116; Gard. Chron., 1889, vi., 688, f. 95 (leaf structure). China.
Abies Fortunei, *A. Murr.*; Gard. Chron., 1884, xxi., 348, ff. 64–7; 1886, xxv., 428, ff. 82–3.
A. jezoensis, *Lindl.* (not Sieb.).
Picea Fortunei, *A. Murr.*
Pinus Fortunei, *Parl.*

K. davidiana, *Franch.*; *Beissner*, Handbuch, 425, f. 117.

Silver Firs.

Abies amabilis, *Forbes*; Gard. Chron., 1880, ff. 136–141; *Beissner*, Handbuch, 469, f. 128. British Columbia to Oregon.
Abies grandis, *A. Murr.* (not *Lindl.*).
A grandis var. densiflora, *Engelm.*
Picea amabilis, *Loud.*
Pinus amabilis, *Dougl.*
P. grandis, *Lamb.* (not *Dougl.*).

A. balsamea, *Mill.*; Gard. Chron., 1895, xvii., 423, 425, 431, ff. 57, 58, 60. N. E. America. "Balm of Gilead" or "Balsam Fir."
Abies balsamea, *Marsh.*
A. balsamifera, *Michx.*
Picea balsamea, *Loud.*
Pinus balsamea, *L.*

Var. **hudsonica**, *Sargent.*

Var. **variegata**, *Beissn.*

A. brachyphylla, *Maxim.*; Gard. Chron., 1879, xii., 556, f. 92; Bot. Mag. t. 7114. Japan.
Abies Veitchii (*of some gardens*).
Picea brachyphylla, *Gord.*
P. pinnosa, *Hort.*
P. Veitchii (*of some gardens*).
Pinus brachyphylla, *Parl.*

A. bracteata, *Nutt.*; Bot. Mag. t. 4740; Gard. Chron., 1889, v., 242, f. 44. Santa Lucia Mts., California.
A. venusta, *Sargent.*
Picea bracteata, *Loud.*; Garden, 1889, xxxv., 12, f.
Pinus bracteata, *D. Don.*
P. venusta, *Dougl.*

A. cephalonica, *Loud.*; Gard. Chron., 1884, xxii., 592, f. 105. Mountains of Greece.
A. Apollinis, *Link.*
A. panachaica, *Heldr.*
A. Reginae-Amaliae, *Heldr.*
Picea cephalonica, *Loud.*
Pinus Abies var. cephalonica, *Parl.*

A. cilicica, *Carr.* Cilician Taurus.
A. Tschugatskoi, *Gord.*
Pinus cilicica, *Parl.*

A. concolor, *Lindl. & Gord.*; Gard. Chron., 1890, viii., 748, ff. 147–8. *Beissner*, Handbuch, 472, fig. 130. Colorado, Utah, Arizona.
Picea concolor, *A. Murr.*
P. lasiocarpa, *Balfour* (not *Hook.*).
Pinus concolor, *Parl.*

Var. **violacea.**
A. concolor var. violacea.
Picea concolor var. violacea, *Roezl.*

A. firma, *Sieb. & Zucc.*; *Veitch*, Manual, p. 95, f. 16. *Beissner*, Handbuch, 451, f. 123. Japan.
A. bifida, *Sieb. & Zucc.*
A. holophylla, *Maxim.*
Pinus firma, *Antoine.*

A. Fraseri, *Lindl.*; *Sargent*, Garden and Forest, 1889, ii., 472, f. 132. Mountains of Carolina.
A. humilis, *La Pilaye.*
Picea Fraseri, *Loud.*
Pinus Fraseri, *Parl.*

A. grandis, *Lindl.*; *Veitch*, Manual, 98, f. 24. *Beissner*, Handbuch, 478, f. 133. Vancouver to California
A. amabilis, *A. Murr.*
A. gordoniana, *Carr.*
Picea grandis, *Loud.*
Pinus grandis, *Dougl.*

A. homolepis, *Sieb. & Zucc.* Japan.
A. brachyphylla, *Mayr.*
A. tschonoskiana, *Hort.*
Pinus harryana, *McNab.*

A. lasiocarpa, *Hook.* (not *Hort.*); Gard. Chron., 1889, v. 172, ff. 23–32. British Columbia to Colorado.
A. (Picea) bifolia, *A. Murr.*
A. grandis, *Engelm.* (in part).
A. subalpina, *Engelm.*
A. subalpina var. fallax, *Engelm.*

A. lasiocarpa—*cont.*

Picea amabilis, *Gord.* (in part).
Pinus amabilis, *Parl.* (in part).

Var. **caerulescens.**

A. lowiana, *A. Murr.;* Gard. Chron., 1890, viii., 750, ff. 149, 150. Sierra Nevada.
A. concolor, *Sargent* (in part).
A. grandis var. lowiana, *Mast.*
A. lasiocarpa, *Beissn.*
A. parsonsiana (*of some gardens*).
Picea lowiana, *Gord.*

A. magnifica, *A. Murr.; Beissner*, Handbuch, 482, f. 135. Californian Sierras.
A. campylocarpa, *A. Murr.*
Picea magnifica, *Gord.*
Pinus amabilis, *Parl.* (in part).

Var. **xanthocarpa.**
A. nobilis var. robusta, *Mast.* Gard. Chron., 1885, xxiv., 657, f. 147.
A. shastensis, *Lemmon.*

A. Mariesii, *Mast.;* Gard. Chron., 1879, xii., 788, t. 129; *Beissner*, Handbuch, 455, f. 124. Mountains of Japan.

A. nobilis, *Lindl.; Veitch*, Manual, 101, f. Oregon, California.
A. magnifica, *Engelm.* (in part).
Picea nobilis, *Loud.*
Pinus nobilis, *Dougl.*

Var. **glauca.**

A. nordmanniana, *Spach;* Bot. Mag. t. 6922. Crimea.
Picea nordmanniana, *Loud.*
Pinus Abies, *Parl.*

A. numidica, *De Lannoy;* Gard. Chron., 1888, iii., 140, f. 23. Algerian mountains.
A. Pinsapo var. baborensis, *Cosson.*
Picea numidica, *R. Smith.*
Pinus Pinsapo, *Parl.* (not *Boiss.*).

[redacted]

A. pectinata, *DC.* (1805); *Beissner*, Handbuch, 430, f. 119. Mountains of Central and Southern Europe. "Silver Fir."
A. alba, *Mill.* (1768).
A. excelsa, *Salisb.* (1805).
A. Picea, *Lindl.*
A. taxifolia, *Desf.* (1809).
A. vulgaris, *Poir.* (1804).
Picea pectinata, *Loud.*
Pinus Abies, *Duroi* (1771).
P. pectinata, *Lam.* (1778).
P. Picea, *L.* (1753).

A. Pinsapo, *Boiss.*; Gard. Chron., 1885, xxiv., 468, f. 99; xxvi., 9, f. 1.; 1888, iii., 140, f. 22 (section of leaf). Mountains of Southern Spain.

A. sachalinensis, *Mast.* Gard. Chron., 1879, xii., 588, f. 97. Sachalin, Yesso.
A. Veitchii var. sachalinensis, *Schmidt*; *Beissner*, Handbuch, 461, f. 127.

A. sibirica, *Ledeb.*; *Beissner*, Handbuch, 455; *Veitch*, Manual, 111. North and East Russia.
A. Pichta, *Forbes.*
Picea Pichta, *Loud.*

A. Veitchii, *Lindl.* Gard. Chron., 1880, xiii., 273, f. 50. *Beissner*, Handbuch, 459, f. 125. Mountains of Japan.
Abies Eichleri, *Lauche.*
A. nephrolepis, *Maxim.*
Picea Veitchii, *Hort.*
Pinus selenolepis, *Parl.*

A. webbiana, *Lindl.*; Gard. Chron., 1884, xxii., 467, f. 86; *Veitch*, Manual, 109, f. ; *Beissner*, Handbuch, 480, f. 134. Himalaya.
Abies chiloensis, *Hort.*
A. chilrowensis, *Hort.*
Picea webbiana, *Loud.*

Var. **Pindrow**, *Brandis*; *Loud. Encycl.*, 1052, f. 1970. North-western Himalaya.
Picea Pindrow, *Loud.*
Pinus Pindrow, *Royle.*

Pseudotsuga Douglasii, *Carr.*; *Beissner*, Handbuch, 413, f. 115. N. W. America. "The Douglas Fir."
P. taxifolia, *Britton*.
Abies Douglasii, *Lindl.*; *Veitch*, Manual, p. 120, f. 35.
A. mucronata, *Rafin*.
A. taxifolia, *Poir*.
Picea Douglassi, *Link*.
Pinus Douglasii, *Sabine*.
P. taxifolia, *Lamb*.
Tsuga Douglasii, *Carr*.

Var. **brevifolia**.

Var. **elegans**.

Var. **glauca**.

Var. **pendula**.

Var. **revoluta**.

Var. **Stairii**.

Var. **taxifolia**.

Var. **variegata**.

Sub-tribe IV.—PINEÆ. "Pines."

† PINASTER.

Pinus albicaulis, *Engelm*. North-West America.
P. cembroides, *Newb*. (not *Zucc*.).
P. flexilis, *A. Murr*. (in part).
P. flexilis var. albicaulis, *Engelm*.
P. Shasta, *Carr*.

P. balfouriana, *A. Murr*. California.

Var. **aristata**, *Engelm*.

P. banksiana, *Lamb*. North-Eastern United States and Eastern Rocky Mountains.
P. hudsonica, *Poir*.

P. bungeana, *Zucc.*; Gard. Chron., 1882, xvii., 8, f. 2. North China.
P. excorticata, *Lindl. & Gord*.

***P. canariensis**, *C. Sm.; Mast.* Gard. Chron., 1888, iii., 723, f. 94. Canaries.

P. cembroides, *Zucc.* Arizona.
P. llaveana, *Schiede & Deppe.*
P. osteosperma, *Engelm.*

P. contorta, *Dougl.;* Gard. Chron., 1883, xix., 45, f. 5. North-West America, near the coast.
P. Bolanderi, *Parl.*
P. Boursieri, *Carr.*
P. inops, *Bong.*
P. mac-intoshiana, *Lawson.*

Var. **murrayana.** Californian valleys.
P. contorta var. latifolia, *Hort.*
P. murrayana, *Lemmon.*

P. Coulteri, *D. Don.;* Gard. Chron., 1885, xxiii., 415, ff. 73, 74; Tree at Kew, 1888, iv., 765, f. 109. California.
P. macrocarpa, *Lindl.*

P. densiflora, *Sieb. & Zucc.* Fl. Jap., ii., 22, t. 112. Japan.
P. massoniana, *Hort.* (in part).
P. tabuliformis, *Hort.*

Var. **aureo-variegata.**

Var. **argenteo-variegata.**

P. edulis, *Engelm.* New Mexico.
P. cembroides, *Gord.* (not *Zucc.*).

***P. filifolia**, *Lindl.*; *Loud.* Encycl., 1008, ff. 1889, 1890. Guatemala.

P. gerardiana, *Wall.* North-Western Himalaya, Affghanistan.

P. halepensis, *Mill.;* Gard. Chron., 1884, xxii., 553, f. 97; 1888, iii., 629, f. 84. Mediterranean Region. "The Jerusalem Pine."
P. abchasica, *Fisch.*
P. maritima, *Lamb.*
P. persica, *Hort.*
P. Pithyusa, *Strangw.*

Var. prolifera.

P. inops, *Soland.* (1789). North-Eastern United States.
P. virginiana, *Mill.* (1768).
P. variabilis, *Lamb.*

P. insignis, *Dougl.;* Gard. Chron., 1878, ix., 108, ff. 22, 23. California. "The Monterey Pine."
P. radiata, *D. Don.*
P. tuberculata, *D. Don.* (not *Gord.*).

P. Jeffreyi, *A. Murr.;* Gard. Chron., 1889, v., 361, f. 65. California.

Var. deflexa, *Torr.*

P. Laricio, *Poir.;* Gard. Chron., 1884, xxi., 15, f. 1; (Tree at Kew), 1888, iv., 693, f. 97. *Beissner*, Handbuch, 239, f. 59. South Europe, Levant. "The Corsican Pine."
P. Laricio var. latisquama, *Willk.*
P. Laricio var. poiretiana, *Antoine.*
P. maritima, *Ait.*

The varieties of this species are extremely numerous and their identification and synonymy proportionately uncertain. The following forms may be roughly thrown under the following varieties, but they are not to be considered as strictly synonymous.

Var. nigricans, *Parl.*
P. austriaca, *Hoess.*
P. calabrica, *Delamarre.*
P. dalmatica, *Vis.*
P. Laricio var. austriaca, *Endl.*
P. Laricio var. stricta, *Carr.*
P. leucodermis, *Antoine.*
P. magellensis, *Guss.*
P. maritima, *C. Koch.*
P. nigra, *Link.*
P. nigricans, *Hoess.*
P. Pinaster, *Bess.*
P. romana, *Hort.*
P. sylvestris, *Baumg.*
P. taurica, *Hort.*

Var. pallasiana.
P. caramanica, *Boss.*

P. Laricio—*cont.*

P. Fenzlii, *Antoine.*
P. halepensis, *Bieb.* (not *Mill.*).
P. karamana, *Mast.* Gard. Chron., 1884, xxi., 480, f. 91.
P. maritima, *Pall.*
P. neglecta, *Hort.*
P. pallasiana, *Lamb.*
P. Pinea, *Habl.*

Var. **tenuifolia**, *Parl.*
P. Laricio var. angustisquama, *Willk.*
P. Laricio var. cebennensis, *Gren. & Godr.*
P. Laricio var. leptophylla, *Christ.*
P. pyrenaica, *Lapeyr.* (in part).
P. Salzmanni, *Dun.*

The following are garden varieties :—

Var. **aureo-variegata.**

Var. **pendula.**

Var. **pumila.**

Var. **pygmaea.**

Var. **variegata.**

***P. longifolia**, *Roxb.* Himalaya.

P. mitis, *Michx.* Eastern United States.
P. echinata, *Mill.*
P. Taeda var. variabilis, *Ait.*
P. variabilis, *Pursh* (not *Lamb.*).

P. monophylla, *Torr.*; Gard. Chron., 1883, xx., 44, f. 8. Sierra Nevada, Utah.
P. fremontiana, *Endl.*

P. montana, *Duroi.* Mountains of Central and Southern Europe.

Var. **uncinata**, *Mast.* Gard. Chron., 1884, xxii., 208, f. 42. Pyrenees.
P. sanguinea, *Lapeyr.*
P. uncinata, *Ram.*

P. montana—*cont.*

Var. **Pumilio.**
P. Mughus, *Wahlenb.*
P. Mughus var. Pumilio.
P. Pumilio, *Haenke.*
P. sylvestris var. Pumilio.

Var. **Pumilio variegata.**

Var. **Mughus.**
P. Mughus, *Scop.*

***P. Montezumae**, *Lamb.* var. **lindleyana.** Mexico.
P. lindleyana, *Gord.* Journ. Hort. Soc., 1850, v. 215.

P. muricata, *D. Don.*; Gard. Chron., 1884, xxi., 49, ff. 7–9. California.
P. edgariana, *Hartw.*
P. radiata, *Hort.* (not *D. Don*).

P. palustris, *Mill.* South United States.
P. australis, *Michx.*

P. parryana, *Engelm.* South California.

P. Pinaster, *Soland.* Mediterranean region.
P. helenica, *Loud.*
P. Laricio, *Santi.*
P. Latteri, *Madden.*
P. maritima, *Poir.*
P. nepalensis, *Royle.*
P. sylvestris var. *L.*

Var. **Hamiltoni**, *Lindl. & Gord.*
P. Hamiltoni, *Texore.*

P. Pinea, *L.*; Gard. Chron., 1888, iv., 604, ff. 84–5. Mediterranean region. "The Stone or Umbrella Pine."

P. ponderosa, *Dougl.*; Gard. Chron., 1890, viii., 557., ff. 110–115. British Columbia to Texas.
P. Beardsleyi, *A. Murr.*
P. benthamiana, *Hartw.*
P. brachyptera, *Engelm.*
P. craigiana, *A. Murr.*

P. ponderosa—*cont.*

P. Engelmanni, *Torr.*
P. parryana, *Gord.* (not *Engelm.*).

Var. **pendula**, *Sargent.*

Var. **Scopulorum**, *Engelm.*

P. pungens, *Michx.; Beissner*, Handbuch, 214, f. 56. East Central United States.

P. pyrenaica, *Lapeyr.;* Gard. Chron., 1888, iv., 267, f. 32. South Europe, Levant.
P. Brutia, *Tenore.*
P. loiseleuriana, *Carr.*
P. paroliniana, *Webb.*

P. resinosa, *Soland.* North-Eastern America.
P. rubra, *Michx.*

P. rigida, *Mill.; Beissner*, Handbuch, 268, f. 64. Eastern United States.
P. Loddigesii, *Loud.*

P. sabiniana, *Dougl.;* Gard. Chron., 1888, iv., 44, f. 4; Tree at Kew, 1889, v., 45, f. 6. California.

P. serotina, *Michx.* North Carolina to Florida.
P. Taeda var. alopecuroidea, *Loud.*
P. rigida var. serotina, *Loud.*

P. sylvestris, *L.; Beissner*, Handbuch, 227, f. 58. Northern Europe, Asia. Scotch Pine.
P. haguenensis, *Loud.*
P. Mughus, *Jacq.*
P. rigensis, *Desf.*
P. rubra, *Mill.*
P. sylvestris var. genuina, *Heer*

Var. **altaica.**

Var. **argentea**, *Steven.*

Var. **aurea.**

Var. **fastigiata**, *Carr.*

Var. **globosa.**

Var. **nana.**

Var. **pumila.**

P. Taeda, *L.* South-eastern United States.

P. Thunbergii, *Parl.* Japan.
P. massoniana, *Sieb. & Zucc.* (not *Lamb.*).
P. Pinaster, *Loud.* (in part).
P. rubra, *Sieb.*
P. sylvestris, *Thunb.* (not *L.*).

Var. **aurea.**

Var. **variegata.**

P. tuberculata, *Gord.* (not *D. Don*). Oregon.
P. attenuata, *Lemmon.*
P. californica, *Hartw.* (not *Loisel.*).

†† STROBUS.

P. Ayacahuite, *Ehrenb.* Mexico.
P. Buonapartea, *Roezl.*
P. colorado, *Roezl.*
P. Don Pedri, *Roezl.*
P. durangensis, *Roezl.*
P. hamata, *Roezl.*
P. loudoniana, *Gord.*
P. Popocatepetlii, *Roezl.*
P. Veitchii, *Roezl.*

P. Cembra, *L.*; Gard. Chron., 1872, 397; *Beissner*, Handbuch, 276, f. 65. Mountains of Central Europe; Siberia. "The Stone Pine."

Var. **aurea.**

Var. **pumila,** *Pall.* Fl. Ross. 5, t. 2.

P. excelsa, *Wall.*; Gard. Chron., 1883, xix., 249, f. 35. Temperate Himalaya. "The Bhotan Pine."

P. flexilis, *James*; Gard. Chron., 1875, iv., 356, f. 75. Eastern Rocky Mountains to Texas, &c.

P. koraiensis, *Sieb. & Zucc.*; *Beissner*, Handbuch, 281, f. 68, *Veitch*, Manual, 178, f. 40. Korea, Ja[illegible]

P. lambertiana, *Dougl.*; Gard. C[illegible] 1887, i., 769, f. 144. Calif[illegible] Pine."

P. monticola, *Dougl.; Veitch,* Manual, 181, f. 41. Vancouver's Island, California.

P. parviflora, *Sieb. & Zucc.;* Gard. Chron., 1878, x., 624, f. 103. Japan.

P. Peuke, *Griseb.;* Gard. Chron., 1883, xix., 244, ff. 33, 34. Macedonia.
P. excelsa, *Hook.* (not *Wall.*).
P. excelsa var. Peuke, *Beissner.*

P. Strobus, *L.; Beissner,* Handbuch, 290, f. 72. Canada, North-Eastern America. "The Weymouth Pine."

Var. **compacta.**

Var. **densa.**

Var. **fastigiata.**

Var. **nana.**
P. Strobus var. pygmaea, *Hort.*

Var. **nivea.**

Var. **prostrata.**

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Kew, Eng. Royal botanic gardens.
... Hand-list of trees and shrubs grown in the arboretum. 1894-96.